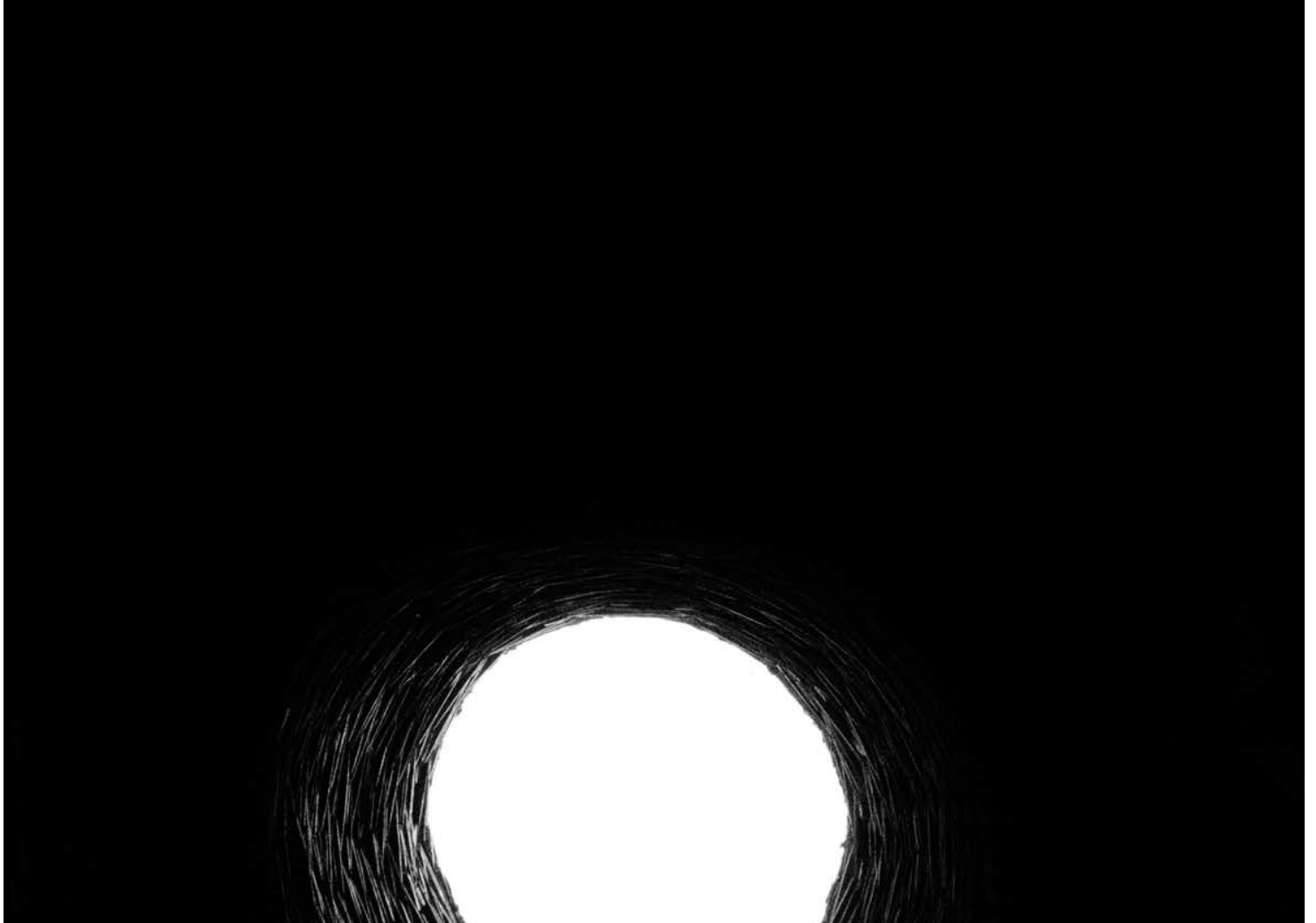




ASENNUSVALAISIMET GENERAL LIGHTING

SKILUX **VALAISTUS**

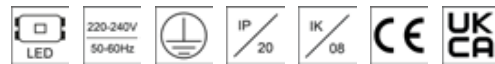
 www.skilux.fi

 6	 7	 8	 10	 12
 14	 16	 19	 21	 24
 27	 29	 32	 34	 36
 37	 40	 43	 44	 45
 46	 48	 50	 52	 54
 56	 57	 59	 60	 61
 62	 63	 64	 66	 4
 68	 69	 70	 72	 74

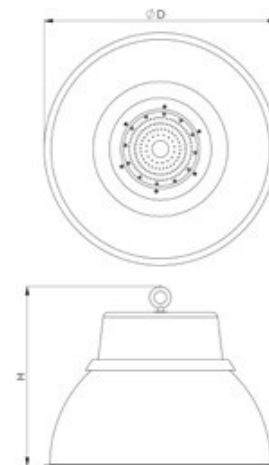
 76	 78	 79	 80	 82
 83	 85			

FLICKER A LED

High-bays



DESCRIPTION:	Suspended low-bay LED luminaire Light distribution type: direct Optical system: prismatic polycarbonate reflector and lenses Housing: aluminium Colour: dark grey, RAL7043
GENERAL DATA:	Mains voltage: 220-240V, 50-60Hz LED lifetime, h: 100000/L80B50 SDCM: 4 Protection class IEC: I Ingress protection code: IP20 Mechanical impact resistance: IK08 Operating temperature range, °C: ta 0...+40
INSTALLATION:	Suspended (hook for wire suspension included). Push-in terminal, 3x2x2.5mm²
ENVIRONMENT:	Indoor
APPLICATION:	Retail, showroom, hall, exhibition, public place



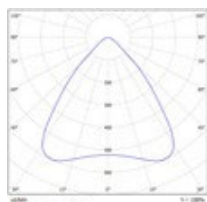
PRODUCT	DIAMETER, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
FLICKER A LED1x4200 J608 T840	410	289	4200	27,0	156	80+	4000	2,5
FLICKER A LED1x6000 J609 T840	410	289	6000	39,0	154	80+	4000	2,5
FLICKER A LED1x8400 J610 T840	410	289	8400	55,0	153	80+	4000	2,5
FLICKER A LED1x10800 J611 T840	410	289	10800	71,0	152	80+	4000	2,5
FLICKER A LED1x12600 J612 T840	410	289	12600	82,0	154	80+	4000	2,5

*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

OPTIONS AVAILABLE ON REQUEST:

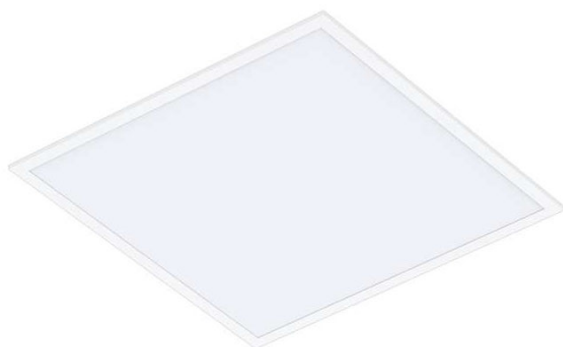
LED	CONTROL GEAR	CONNECTION	COLOUR
T830	DALI	CBF3-2.0m clear	RAL
T840		CBF3-3.0m clear	
		CBF5-2.0m clear	
		CBF5-3.0m clear	

STANDARD





SOLN POP



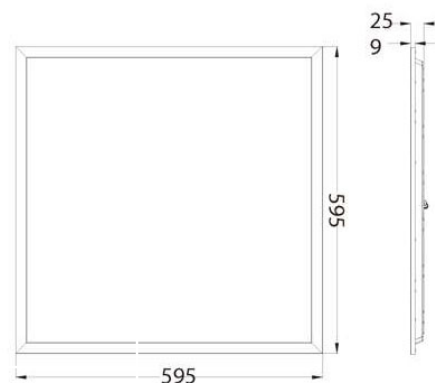
DESCRIPTION: RECESSED LED PANEL
LIGHT DISTRIBUTION TYPE: DIRECT

GENERAL DATA: MATERIAL: POWDER PAINTED ALUMINUM,
OPAL OR MICROPRISM
COLOUR: WHITE (RAL 9016),
MAINS VOLTAGE: 220-240V
LED LIFETIME, H: 100 000/L80B10
COLOR CONSISTENCY: 3-STEP MACADAM
WARRANTY : 5 YEARS
INGRESS PROTECTION CODE: IP50 / IP20
AVAILABLE DRIVERS: ON / OFF, DALI
LUMINARE OUTPUT (LM): 2 600 - 5 300
SYSTEM POWER (W): 20-40
SYSTEM EFFICACY (LM/W) : 130
COLOR TEMPERATURE (K) 3000K, 4000K, 5000K

INSTALLATION: ON THE CEILING

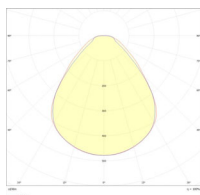
ENVIRONMENT: INDOOR

APPLICATION: OFFICE, HALL, CORRIDOR, PUBLIC PLACE, SCHOOLS, HOSPITALS



SUPPLIED WITH ADAPTED OPERATING DEVICE AND CORD WITH CONNECTION BOX FOR 0,75 - 2,5MM² CABLE.
QUICK CONNECTION BETWEEN OPERATING DEVICE AND LIGHT PANEL.
AVAILABLE IN 6 PACKS

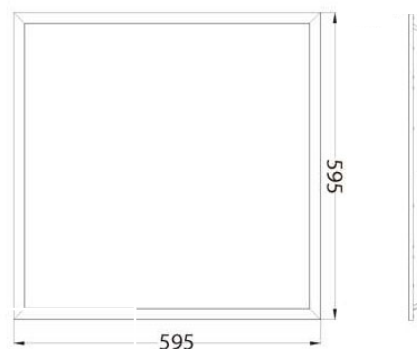
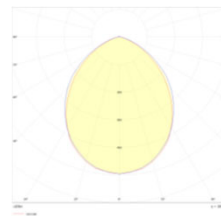
Product	System Power (W)	System Luminous Flux (lm)	Color temperature (K)	Light distribution angle (°)
SOLN POP MP 6x6 FLEX 6P	20- / 25- / 30- / 35- / 40	2600 - 5100	3000 - 5000	90
SOLN POP MP 6x6 FLEX	20- / 25- / 30- / 35- / 40	2600 - 5100	3000 - 5000	90
SOLN POP OP 6x6 DALI 6P	39	5000	3000 - 5000	120
SOLN POP OP 6x6 DALI	39	5000	3000 - 5000	120
SOLN POP OP 6x6 FLEX 6P	20- / 25- / 30- / 35- / 40	2500 - 4800	3000 - 5000	120
SOLN POP OP 6x6 FLEX	20- / 25- / 30- / 35- / 40	2500 - 4800	3000 - 5000	120
SOLN POP MP 6x6 DALI 6P	39	5300	3000 - 5000	90
SOLN POP MP 6x6 DALI	39	5300	3000 - 5000	90



ZENTRA



WHITE (RAL 9016)



DESCRIPTION: RECESSED LED PANEL
LIGHT DISTRIBUTION TYPE: DIRECT
MATERIAL: METAL, ALUMINUM, LAMEL
COLOUR: WHITE (RAL 9016),
GENERAL DATA: MAINS VOLTAGE: 220-240V
LED LIFETIME, H: 100 000/L80B10
COLOR CONSISTENCY: 3-STEP MACADAM
WARRANTY : 5 YEARS
INGRESS PROTECTION CODE: IP20
AVAILABLE DRIVERS: ON / OFF, DALI
LUMINARE OUTPUT (LM): 1 240 - 2 180
SYSTEM POWER (W): 12-20
SYSTEM EFFICACY (LM/W) : 103 - 109
COLOR TEMPERATURE (K) 3000K, 4000K
INSTALLATION: RECESSED INTO CEILING
ENVIRONMENT: INDOOR
APPLICATION: OFFICE, HALL, CORRIDOR, PUBLIC PLACE, SCHOOLS, HOSPITALS

AVAILABLE IN 600x150 mm, 600x300 mm, 600x600 mm, 1200x150 mm AND 1200x300mm

Product	System Power (W)	System Luminous Flux (lm)	Color temperature (K)	Dimensions
ZENTRA DA 120x15	31	3570	4000	1195x145x73
ZENTRA DA 60x60	12	1240	4000	595x595x73
ZENTRA 60x60	20	2180	4000	595x595x73
ZENTRA 60x30	12	1240	4000	595x295x73
ZENTRA 60x30	20	2180	4000	595x295x73
ZENTRA 60x60	12	1240	4000	595x595x73
ZENTRA 120x15	31	3570	4000	1195x145x73
ZENTRA 120x15	54	6000	4000	1195x145x73
ZENTRA 120x30	31	3570	4000	1195x295x73
ZENTRA 120x30	54	6000	4000	1195x295x73
ZENTRA 60x15	12	1240	4000	595x145x73
ZENTRA 60x15	20	2180	4000	595x145x73
ZENTRA DA 120x15	54			1195x145x73
ZENTRA DA 60x15	20			595x145x73
ZENTRA DA 120x30	54			1195x295x73
ZENTRA DA 60x30	20			595x295x73
ZENTRA DA 60x60	20			595x595x73

HALO POP



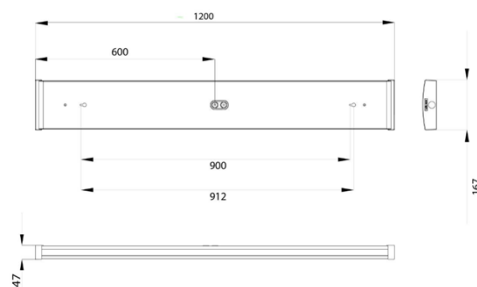
WHITE (RAL 9016)



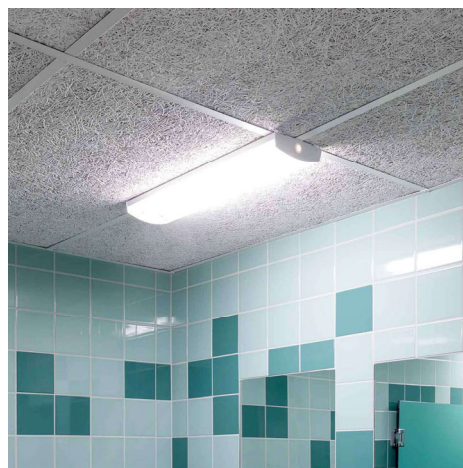
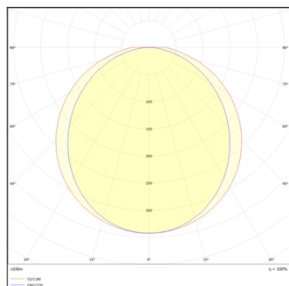
DESCRIPTION: RECESSED LED PANEL
LIGHT DISTRIBUTION TYPE: DIRECT
MATERIAL: POWDER PAINTED ALUMINUM, OPAL
COLOUR: WHITE

GENERAL DATA: MAINS VOLTAGE: 220-240V
LED LIFETIME, H: 100 000/L80B10
COLOR CONSISTENCY: 3-STEP MACADAM
WARRANTY : 5 WARRANTY
INGRESS PROTECTION CODE: IP44
AVAILABLE DRIVERS: ON / OFF, DALI
LUMINAIRE OUTPUT (LM): 1800 - 6900
SYSTEM POWER (W): 15-51
COLOR TEMPERATURE (K) 3000K, 3500K, 4000K

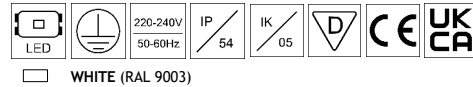
INSTALLATION: ON THE CEILING
ENVIRONMENT: INDOOR, WET SPACES



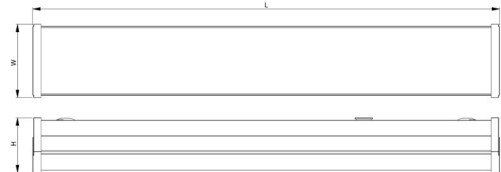
Product	System Power (W)	System Luminous Flux (lm)	Color temperature (K)	Dimensions (PxLxK/S, mm)
HALO POP L120 4700lm FX RS	35	2700 - 4900	3000 - 4000	1200x167x47
HALO POP L120 4700lm FX	35	2700 - 4900	3000 - 4000	1200x167x47
HALO POP L60 3200lm FX RS	25	1800 - 3200	3000 - 4000	600x167x47
HALO POP L60 3200lm FX	25	1800 - 3200	3000 - 4000	600x167x47



CLARITY P



DESCRIPTION:	Surface mounted led luminaire Light distribution type: direct Optical system: translucent micro-linear polycarbonate Diffuser housing: steel Colour: white (ral 9003)
GENERAL DATA:	Mains voltage: 220-240v, 0/50/60hz Led lifetime, h: 100000/l80b10 Sdcm: 3 Warranty : 5 warranty Protection class iec: i (ii optional) Ingress protection code: ip54 Mechanical impact resistance: ik05 Protection symbol: d Glow wire test, °c: 850 Operating temperature range, °c: ta -15...+35 (from 0 °c with em3) Luminare output (lm): 1399 - 7577 System power (w): 10,3-48,4 Color temperature (k) 3000k, 4000k
INSTALLATION:	On ceiling or wall. Push-in terminal, 5x2x2.5mm2
ENVIRONMENT:	Indoor
APPLICATION:	Office, education, hotel, corridor, staircase, Healthcare, bathroom, public place



Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
CLARITY P LED1x1500 G444 T830 MPRZ	615	97	72	1399	10,3	136	80+	3000	1,5
CLARITY P LED1x2050 G445 T830 MPRZ	615	97	72	1913	13,9	138	80+	3000	1,5
CLARITY P LED1x2700 G446 T830 MPRZ	615	97	72	2538	18,9	134	80+	3000	1,5
CLARITY P LED1x3050 G447 T830 MPRZ	615	97	72	2875	20,5	140	80+	3000	1,5
CLARITY P LED1x2750 G448 T830 MPRZ	1175	97	72	2551	18,3	140	80+	3000	2,3
CLARITY P LED1x3550 G449 T830 MPRZ	1175	97	72	3327	22,9	146	80+	3000	2,3
CLARITY P LED1x4600 G450 T830 MPRZ	1175	97	72	4336	30,5	142	80+	3000	2,3
CLARITY P LED1x5400 G451 T830 MPRZ	1175	97	72	5076	35,2	144	80+	3000	2,3
CLARITY P LED1x6100 G452 T830 MPRZ	1175	97	72	5751	39,2	147	80+	3000	2,3
CLARITY P LED1x3400 G453 T830 MPRZ	1455	97	72	3189	22,3	143	80+	3000	2,8
CLARITY P LED1x4400 G454 T830 MPRZ	1455	97	72	4159	28,6	146	80+	3000	2,8
CLARITY P LED1x5750 G455 T830 MPRZ	1455	97	72	5419	38,1	142	80+	3000	2,8
CLARITY P LED1x6700 G456 T830 MPRZ	1455	97	72	6345	42,6	149	80+	3000	2,8
CLARITY P LED1x7600 G457 T830 MPRZ	1455	97	72	7189	48,4	148	80+	3000	2,8
CLARITY P LED1x1500 G444 T840 MPRZ	615	97	72	1475	10,3	144	80+	4000	1,5
CLARITY P LED1x2050 G445 T840 MPRZ	615	97	72	2017	13,9	145	80+	4000	1,5
CLARITY P LED1x2700 G446 T840 MPRZ	615	97	72	2675	18,9	142	80+	4000	1,5
CLARITY P LED1x3050 G447 T840 MPRZ	615	97	72	3031	20,5	148	80+	4000	1,5
CLARITY P LED1x2750 G448 T840 MPRZ	1175	97	72	2689	18,3	147	80+	4000	2,3
CLARITY P LED1x3550 G449 T840 MPRZ	1175	97	72	3507	22,9	153	80+	4000	2,3
CLARITY P LED1x4600 G450 T840 MPRZ	1175	97	72	4570	30,5	150	80+	4000	2,3
CLARITY P LED1x5400 G451 T840 MPRZ	1175	97	72	5351	35,2	152	80+	4000	2,3
CLARITY P LED1x6100 G452 T840 MPRZ	1175	97	72	6062	39,2	155	80+	4000	2,3
CLARITY P LED1x3400 G453 T840 MPRZ	1455	97	72	3362	22,3	151	80+	4000	2,8
CLARITY P LED1x4400 G454 T840 MPRZ	1455	97	72	4383	28,6	153	80+	4000	2,8
CLARITY P LED1x5750 G455 T840 MPRZ	1455	97	72	5713	38,1	150	80+	4000	2,8
CLARITY P LED1x6700 G456 T840 MPRZ	1455	97	72	6688	42,6	157	80+	4000	2,8
CLARITY P LED1x7600 G457 T840 MPRZ	1455	97	72	7577	48,4	156	80+	4000	2,8

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE ACCESSORIES:



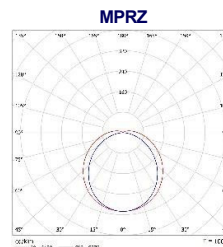
Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
*note - 2pcs MTG SUSI KIT for 1 luminaire required



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



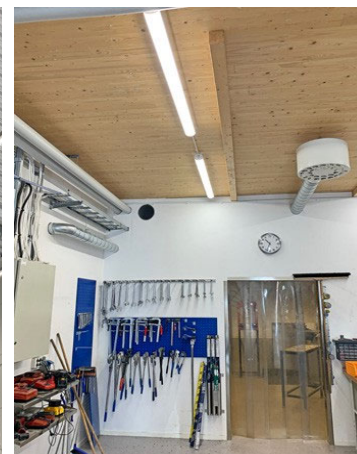
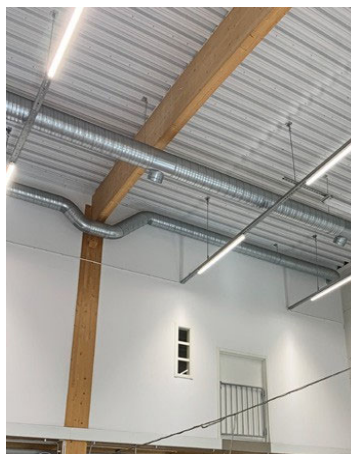
Product: CAP cable clip D6.3mm SET clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm



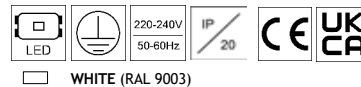
OPTIONS AVAILABLE ON REQUEST:

LED	CONTROL GEAR	SENSORS	EMERGENCY	OTHER	PROTECTION	COLOUR
T830	DALI	MW ¹	EM3 ²	2Gr	II	RAL
T840	BLT	MW DALI2 ¹	EM3A ^{2 3}			
	KRBLT	MW KRBLT ¹	EM3D ^{2 3}			
	KRBLT DALI	MW KRBLT DALI ¹				
	COR					
	COR1min					
	COR30min					

- 1 All MW options are incompatible with options EM3, EM3A, EM3D for 1175mm version
- 2 Operating temperature range for Luminaires with EM option, °C: ta 0... +35
- 3 EM3/A/D options not available for models: H113; H196



SCENIK R



DESCRIPTION:	Recessed plaster-in frameless LED luminaire Light distribution type: direct Optical system: translucent micro-prismatic PMMA diffuser / opal PMMA diffuser Diffuser housing: steel Colour: white (ral 9003)
GENERAL DATA:	Mains voltage: 220-240V, 50-60Hz Led lifetime, h: 50000/L80B10 Sdcm: 3 Warranty : 5 warranty Protection class iec: I Ingress protection code: IP20 Operating temperature range, °c: ta 0...+35 (from 0 °c with em3) Luminare output (lm): 1038 - 3812 System power (w): 10,7-32,8 Color temperature (k) 3000k, 4000k
INSTALLATION:	In ceilings with cut-out openings (mounting brackets included). Push-in terminal, 3x2x2.5mm2
ENVIRONMENT:	Indoor
APPLICATION:	Office, education, corridor, retail, public place



Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
SCENIK R LED1x1100 D720 T830 MPRZ LT92	220	220	65	1038	10,7	97	80+	3000	1,8
SCENIK R LED1x1550 D721 T830 MPRZ LT92	220	220	65	1450	14,7	99	80+	3000	1,8
SCENIK R LED1x1150 D722 T830 MPRZ LT92	595	85	65	1073	10,2	105	80+	3000	1,8
SCENIK R LED1x1550 D723 T830 MPRZ LT92	595	85	65	1460	13,9	105	80+	3000	1,8
SCENIK R LED1x1700 D724 T830 MPRZ LT92	875	85	65	1609	14,5	111	80+	3000	2,1
SCENIK R LED1x2300 D725 T830 MPRZ LT92	875	85	65	2189	20,8	105	80+	3000	2,1
SCENIK R LED1x2250 D726 T830 MPRZ LT92	1155	85	65	2145	19,3	111	80+	3000	2,4
SCENIK R LED1x3100 D727 T830 MPRZ LT92	1155	85	65	2919	26,3	111	80+	3000	2,4
SCENIK R LED1x2850 D728 T830 MPRZ LT92	1435	85	65	2681	24,1	111	80+	3000	2,8
SCENIK R LED1x3850 D990 T830 MPRZ LT92	1435	85	65	3649	32,8	111	80+	3000	2,8
SCENIK R LED1x1100 D720 T840 MPRZ LT92	220	220	65	1094	10,7	102	80+	4000	1,8
SCENIK R LED1x1550 D721 T840 MPRZ LT92	220	220	65	1529	14,7	104	80+	4000	1,8
SCENIK R LED1x1150 D722 T840 MPRZ LT92	595	85	65	1121	10,2	109	80+	4000	1,8
SCENIK R LED1x1550 D723 T840 MPRZ LT92	595	85	65	1525	13,9	110	80+	4000	1,8
SCENIK R LED1x1700 D724 T840 MPRZ LT92	875	85	65	1681	14,5	116	80+	4000	2,1
SCENIK R LED1x2300 D725 T840 MPRZ LT92	875	85	65	2287	20,8	110	80+	4000	2,1
SCENIK R LED1x2250 D726 T840 MPRZ LT92	1155	85	65	2241	19,3	116	80+	4000	2,4
SCENIK R LED1x3100 D727 T840 MPRZ LT92	1155	85	65	3050	26,3	116	80+	4000	2,4
SCENIK R LED1x2850 D728 T840 MPRZ LT92	1435	85	65	2801	24,1	116	80+	4000	2,8
SCENIK R LED1x3850 D990 T840 MPRZ LT92	1435	85	65	3812	32,8	116	80+	4000	2,8

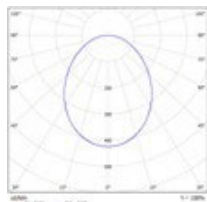
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
SCENIK R LED1x1100 D720 T830 OP LT80	220	220	65	1038	10,7	97	80+	3000	1,8
SCENIK R LED1x1550 D721 T830 OP LT80	220	220	65	1450	14,7	99	80+	3000	1,8
SCENIK R LED1x1150 D722 T830 OP LT80	595	85	65	1073	10,2	105	80+	3000	1,8
SCENIK R LED1x1550 D723 T830 OP LT80	595	85	65	1460	13,9	105	80+	3000	1,8
SCENIK R LED1x1700 D724 T830 OP LT80	875	85	65	1609	14,5	111	80+	3000	2,1
SCENIK R LED1x2300 D725 T830 OP LT80	875	85	65	2189	20,8	105	80+	3000	2,1
SCENIK R LED1x2250 D726 T830 OP LT80	1155	85	65	2145	19,3	111	80+	3000	2,4
SCENIK R LED1x3100 D727 T830 OP LT80	1155	85	65	2919	26,3	111	80+	3000	2,4
SCENIK R LED1x2850 D728 T830 OP LT80	1435	85	65	2681	24,1	111	80+	3000	2,8
SCENIK R LED1x3850 D990 T830 OP LT80	1435	85	65	3649	32,8	111	80+	3000	2,8
SCENIK R LED1x1100 D720 T840 OP LT80	220	220	65	1094	10,7	102	80+	4000	1,8
SCENIK R LED1x1550 D721 T840 OP LT80	220	220	65	1529	14,7	104	80+	4000	1,8
SCENIK R LED1x1150 D722 T840 OP LT80	595	85	65	1121	10,2	109	80+	4000	1,8
SCENIK R LED1x1550 D723 T840 OP LT80	595	85	65	1525	13,9	110	80+	4000	1,8
SCENIK R LED1x1700 D724 T840 OP LT80	875	85	65	1681	14,5	116	80+	4000	2,1
SCENIK R LED1x2300 D725 T840 OP LT80	875	85	65	2287	20,8	110	80+	4000	2,1
SCENIK R LED1x2250 D726 T840 OP LT80	1155	85	65	2241	19,3	116	80+	4000	2,4
SCENIK R LED1x3100 D727 T840 OP LT80	1155	85	65	3050	26,3	116	80+	4000	2,4
SCENIK R LED1x2850 D728 T840 OP LT80	1435	85	65	2801	24,1	116	80+	4000	2,8
SCENIK R LED1x3850 D990 T840 OP LT80	1435	85	65	3812	32,8	116	80+	4000	2,8

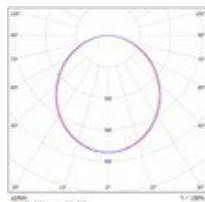
OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR
T830	MPRZ LT92	DALI
T840	OP LT80	
	OP TP(a)	

MPRZ LT92

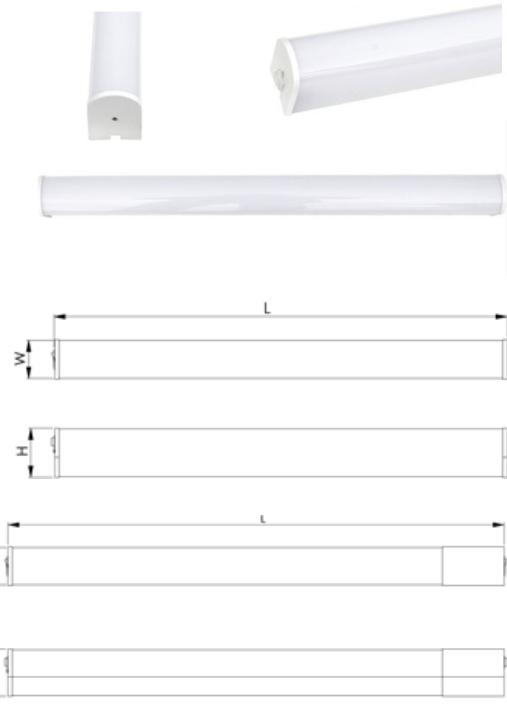


OP LT80



USVA LED

Diffuser and Wall Luminaires



DESCRIPTION:	Suspended continuous line LED luminaire Light distribution type: direct Optical system: opal polycarbonate diffuser Housing: aluminium Colour: white
GENERAL DATA:	Mains voltage: 220-240V, 0/50-60Hz LED lifetime, h: 30000/L70B50 SDCM: 5 Protection class IEC: II (I with built-in socket) Ingress protection code: IP44 Mechanical impact resistance: IK04 Operating temperature range, °C: ta 0...+35
INSTALLATION:	On the wall (mounting brackets included). Screw terminal, 2x1.5mm ² (3x1.5mm ² with built-in socket)
ENVIRONMENT:	Indoor
APPLICATION:	Hotel, bathroom, healthcare

PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
USVA LED1x1400 D552 T830 OP	600	53	65	1400	15,0	93	80+	3000	0,6
USVA LED1x1400 D553 T830 OP SOCS44	682	53	65	1400	15,0	93	80+	3000	0,8

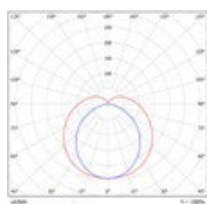
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

OPTIONS AVAILABLE ON REQUEST:

CONNECTION

SOCS44

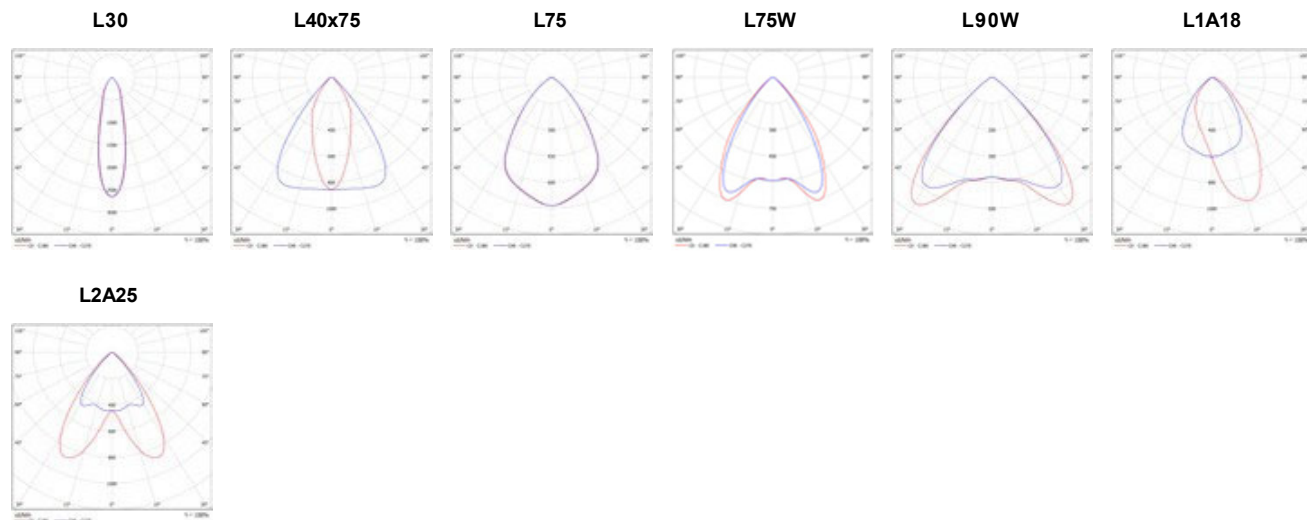
OP



OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR	SENSORS	EMERGENCY	CONNECTION
T830	L30	DALI	HBPIR-M	EM3 ⁵	L1 ⁶
T840	L40x75	HBEAIRB-M ^{1 2 3 4}	HBPIR DALI-M	EM3A ⁵	L2 ⁶
	L75	HBEAIRB-S ^{2 3 4}	HBPIR KRBLT	EM3D ⁵	L3 ⁶
	L75W	BLT	HBPIR KBRT DALI		2G
	L90W	KRBLT			WIE3
	L1A18	KRBLT DALI			WIE5
	L2A25	COR			WIE5D
		COR1min			2WIE3
		COR30min			2WIE5
					2WIE5D

- 1 The impact protection rating of the HBEAIRB-M option is IK05
- 2 Max system size 1x HBEAIRB-M + 3x HBEAIRB-S
- 3 Max wire length from HBEAIRB-M to last HBEAIRB-S - 11 m
- 4 EAIRB option is not available for model G415
- 5 Operating temperature range for Luminaires with EM option, °C: ta 0... +35
- 6 Please specify one of L1, L2, L3 option for WIE5 and 2WIE5 options



NUVIA LED

Waterproof and Cleanroom Luminaires



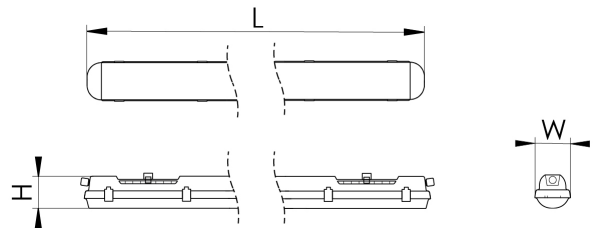
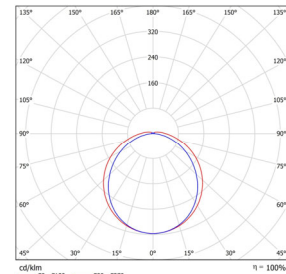
DESCRIPTION: Surface mounted or suspended waterproof LED luminaire, also available basic version
Light distribution type: direct
Optical system: opal polycarbonate diffuser, UV stable, impact resistant
Housing: polycarbonate
Colour: light grey

GENERAL DATA: **Mains voltage:** 220-240V, 50-60Hz/ 220-240V, 0/50-60Hz, basic version: 220-240V, 0/50-60Hz
LED lifetime, h: 100000/L80B10, basic version: 50000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP66
Mechanical impact resistance: IK10
Operating temperature range, °C: ta -20...+35/+40, basic version: ta -20...+35

INSTALLATION: On the ceiling or wall (mounting brackets included) or suspended (hooks included). Push-in terminal, 3x2x2.5mm2

ENVIRONMENT: Indoor/outdoor with roof

APPLICATION: Industry, warehouse, hall, sports, public place, parking area, transport terminal, parking area



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
Nuvia LED1x1500 J738 T840 PC/PC OP	615	98	84	1464	9,3	157	80+	4000	0,9
Nuvia LED1x1700 J739 T840 PC/PC OP	615	98	84	1654	10,8	153	80+	4000	0,9
Nuvia LED1x2200 J740 T840 PC/PC OP	615	98	84	2197	14	157	80+	4000	0,9
Nuvia LED1x2500 J741 T840 PC/PC OP	615	98	84	2481	15,7	158	80+	4000	0,9
Nuvia LED1x2950 J742 T840 PC/PC OP	615	98	84	2929	18,2	161	80+	4000	0,9
Nuvia LED1x3350 J743 T840 PC/PC OP	615	98	84	3307	20,7	160	80+	4000	0,9
Nuvia LED1x3700 J744 T840 PC/PC OP	615	98	84	3661	22,2	165	80+	4000	0,9
Nuvia LED1x4150 J745 T840 PC/PC OP	615	98	84	4134	24,7	167	80+	4000	0,9
Nuvia LED1x4400 J746 T840 PC/PC OP	615	98	84	4393	26,3	167	80+	4000	0,9
Nuvia LED1x5000 J747 T840 PC/PC OP	615	98	84	4961	29	171	80+	4000	0,9
Nuvia LED1x2950 J748 T840 PC/PC OP	1175	98	84	2929	17,7	165	80+	4000	1,7
Nuvia LED1x3350 J749 T840 PC/PC OP	1175	98	84	3307	20	165	80+	4000	1,7
Nuvia LED1x4400 J750 T840 PC/PC OP	1175	98	84	4393	26,3	167	80+	4000	1,7
Nuvia LED1x5000 J751 T840 PC/PC OP	1175	98	84	4961	29	171	80+	4000	1,7
Nuvia LED1x5900 J752 T840 PC/PC OP	1175	98	84	5858	34,7	169	80+	4000	1,7
Nuvia LED1x6650 J753 T840 PC/PC OP	1175	98	84	6615	38,2	173	80+	4000	1,7
Nuvia LED1x7350 J754 T840 PC/PC OP	1175	98	84	7322	41,5	176	80+	4000	1,7
Nuvia LED1x8300 J755 T840 PC/PC OP	1175	98	84	8269	47,2	175	80+	4000	1,7
Nuvia LED1x8800 J756 T840 PC/PC OP	1175	98	84	8787	49,3	178	80+	4000	1,7
Nuvia LED1x9950 J757 T840 PC/PC OP	1175	98	84	9922	56,7	175	80+	4000	1,7
Nuvia LED1x5500 J758 T840 PC/PC OP	1455	98	84	5492	32,5	169	80+	4000	2
Nuvia LED1x6250 J759 T840 PC/PC OP	1455	98	84	6202	36,2	171	80+	4000	2
Nuvia LED1x7350 J760 T840 PC/PC OP	1455	98	84	7322	41,5	176	80+	4000	2
Nuvia LED1x8300 J761 T840 PC/PC OP	1455	98	84	8269	47,2	175	80+	4000	2
Nuvia LED1x9200 J762 T840 PC/PC OP	1455	98	84	9153	51,3	178	80+	4000	2
Nuvia LED1x10350 J763 T840 PC/PC OP	1455	98	84	10336	58,4	177	80+	4000	2
Nuvia LED1x11000 J764 T840 PC/PC OP	1455	98	84	10983	61,6	178	80+	4000	2
Nuvia LED1x12450 J765 T840 PC/PC OP	1455	98	84	12403	70,1	177	80+	4000	2

PRODUCT Basic version	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
Nuvia LED1x1950 H227 T840 PC/PC OP	615	98	84	1916	12,8	150	80+	4000	0,9
Nuvia LED1x2600 H228 T840 PC/PC OP	615	98	84	2555	17,1	149	80+	4000	0,9
Nuvia LED1x3200 H229 T840 PC/PC OP	615	98	84	3194	21,4	149	80+	4000	0,9
Nuvia LED1x2600 H231 T840 PC/PC OP	1175	98	84	2556	17,1	149	80+	4000	1,7
Nuvia LED1x3850 H232 T840 PC/PC OP	1175	98	84	3832	25,7	149	80+	4000	1,7
Nuvia LED1x5150 H233 T840 PC/PC OP	1175	98	84	5109	33,5	153	80+	4000	1,7
Nuvia LED1x6400 H234 T840 PC/PC OP	1175	98	84	6387	41,9	152	80+	4000	1,7
Nuvia LED1x3200 H236 T840 PC/PC OP	1455	98	84	3195	21,4	149	80+	4000	2
Nuvia LED1x4800 H237 T840 PC/PC OP	1455	98	84	4790	31,4	153	80+	4000	2
Nuvia LED1x6400 H238 T840 PC/PC OP	1455	98	84	6387	41,9	152	80+	4000	2
Nuvia LED1x8000 H239 T840 PC/PC OP	1455	98	84	7984	52,3	153	80+	4000	2
Nuvia LED1x9600 H240 T840 PC/PC OP	1455	98	84	8955	59,7	150	80+	4000	2
Nuvia LED1x1950 H227 T840 PC/PC OP	615	98	84	1916	12,8	150	80+	4000	0,9
Nuvia LED1x2600 H228 T840 PC/PC OP	615	98	84	2555	17,1	149	80+	4000	0,9

*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT - SINE/Proof/
Nord/Sumatra/Cyclone LED 1.5m **Description:**
Suspension kit for SINE/Proof/
Nord/Sumatra/Cyclone LED luminaires, 1.5 meter, 2pcs

Product: Suspension MTG KIT - SINE/Proof/Nord/
Sumatra/Cyclone LED 3.0m

Description: Suspension kit for SINE/Proof/Nord/
Sumatra/Cyclone LED luminaires, 3.0 meter, 2pcs

Product: Remote Control HRC-11

Description: The functionality of the sensors is
controlled by a number of parameters which can be
changed or programmed remote with an infrared handset
*note - remote control for HBPIR-M; HBPIR DALI-M



OPTIONS AVAILABLE

T830 Colour temperature 3000K, CRI 80+

T840 Colour temperature 4000K, CRI 80+

DALI Driver with DALI interface and switch-control dimming

*note - for DALI LIN option wires are 2x0.5mm²

BLT Integrated wireless control unit and driver for lighting control via mobile device (via Bluetooth), with integrated DALI PS

KRBLT Integrated wireless control unit and driver for lighting control via mobile device (KR system app), on/off

KRBLT DALI Integrated wireless control unit and driver for lighting control via mobile device (KR system app), DALI with integrated PS

COR Driver with Corridor function (never off)

COR1min Driver with Corridor function 1min (switch off after 1 min.)

COR30min Driver with Corridor function 30min (switch off after 30 min.)

eCOR MW Driver with MW sensor and adaptive corridor function (100%/10-30%/0%)

*note - eCOR MW option not available for models: J738-J743; J745; J747-J749; J751; J753; J755; J757; J759; J761; J763-J765;

MW Integrated microwave (MW) motion sensor with on-off control

HBPIR-M Batten-fit PIR sensor for ceiling heights up to 12 meters, on-off, master luminaire

HBPIR DALI-M Batten-fit PIR sensor for ceiling heights up to 12 meters, DALI with integrated PS, master luminaire

HBPIR KRBLT Batten-fit PIR sensor for ceiling heights up to 12 meters, KR system app control, on-off

HBPIR KBRT DALI Batten-fit PIR sensor for ceiling heights up to 12 meters, KR system app control and DALI with integrated PS

*note - Luminaire with integrated PIR sensor protection degree is IK05 EM3 Emergency version 3 hours

EM3A Emergency version equipped with an autonomous testing system, 3 hours

EM3D Emergency version 3 hours with DALI interface

*note - Operating temperature range for Luminaires with EM option, C: ta 0... +35

EM3Atmin-25 Emergency version equipped with an autonomous testing system, 3 hours. Suitable for low ambient temperatures up to -25 C

*note - options EM3A, EM3Atmin25 and EM3D not applicable for models: J738, J739, J740, J741, J742, J743, J744, J745, J746, J747

*note - option EM3Atmin25 is not applicable for models: H227, H228, H229, H230

5TB 5-pole terminal block in middle of luminaire for easy through wiring

1LIN Through wiring single phase d=1.5 mm² with two push-in terminal blocks

2LIN Through wiring two phases d=1.5 mm² with two push-in terminal blocks

3LIN Through wiring three phases d=1.5 mm² with two push-in terminal blocks

1LIN2.5 Through wiring single phase d=2.5 mm² with two push-in terminal blocks

2LIN2.5 Through wiring two phases d=2.5 mm² with two push-in terminal blocks

3LIN2.5 Through wiring three phases d=2.5 mm² with two push-in terminal blocks

*note - LIN options applicable for models longer than 800mm, for shorter models 5TB option

II Electric shock protection class II

IC Stainless steel clips

C3 2x 3-pole quick connection cable gland integrated in to luminaire for Ø6-11mm cable, Push-in terminal, 3x2.5mm²

SINE LED

Waterproof and Cleanroom Luminaires



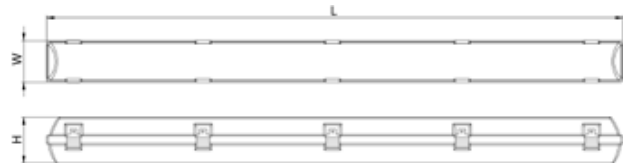
DESCRIPTION: Surface mounted or suspended waterproof LED luminaire
Light distribution type: direct
Optical system: opal polycarbonate diffuser, UV stable, impact resistant
Housing: polycarbonate
Colour: light grey

GENERAL DATA: **Mains voltage:** 220-240V, 0/50-60Hz, basic version: 220-240V, 50-60Hz
LED lifetime, h: 100000/L80B10, basic version: 50000/L80B10
SDCM: 3
Protection class IEC: I (II optional)
Ingress protection code: IP66
Mechanical impact resistance: IK10
Protection symbol: D
Glow wire test, °C: 850
Operating temperature range, °C: ta -20...+35/+40, basic version: ta -20...+35

INSTALLATION: On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 5x2x2.5mm²

ENVIRONMENT: Indoor/outdoor with roof

APPLICATION: Industry, warehouse, hall, sports, public place, parking area, transport terminal, parking area



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
SINE LED1x1600 G237 T840 PC/PC OP LT80	662	96	111	1561	10,0	156	80+	4000	1,3
SINE LED1x2150 G238 T840 PC/PC OP LT80	662	96	111	2136	13,9	154	80+	4000	1,3
SINE LED1x2850 G239 T840 PC/PC OP LT80	662	96	111	2833	17,2	165	80+	4000	1,3
SINE LED2x2150 G240 T840 PC/PC OP LT80	662	146	111	4271	25,6	167	80+	4000	1,8
SINE LED1x2850 G241 T840 PC/PC OP LT80	1272	96	111	2847	17,3	165	80+	4000	2,1
SINE LED1x3750 G242 T840 PC/PC OP LT80	1272	96	111	3713	21,9	170	80+	4000	2,1
SINE LED1x4600 G243 T840 PC/PC OP LT80	1272	96	111	4556	27,5	166	80+	4000	2,1
SINE LED1x5400 G244 T840 PC/PC OP LT80	1272	96	111	5398	33,0	164	80+	4000	2,1
SINE LED1x7150 G245 T840 PC/PC OP LT80	1272	96	111	7122	43,3	165	80+	4000	2,1
SINE LED1x9650 G246 T840 PC/PC OP LT80	1272	96	111	9628	57,5	167	80+	4000	2,1
SINE LED2x5700 G247 T840 PC/PC OP LT80	1272	146	111	11331	65,9	172	80+	4000	2,8
SINE LED1x4500 G248 T840 PC/PC OP LT80	1572	96	111	4498	27,8	162	80+	4000	2,6
SINE LED1x5700 G249 T840 PC/PC OP LT80	1572	96	111	5695	34,0	167	80+	4000	2,6
SINE LED1x6750 G250 T840 PC/PC OP LT80	1572	96	111	6747	40,8	165	80+	4000	2,6
SINE LED1x8950 G251 T840 PC/PC OP LT80	1572	96	111	8903	54,1	165	80+	4000	2,6
SINE LED1x12050 G252 T840 PC/PC OP LT80	1572	96	111	12035	71,1	169	80+	4000	2,6
SINE LED2x7100 G253 T840 PC/PC OP LT80	1572	146	111	14164	82,4	172	80+	4000	3,3

PRODUCT Basic version	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
SINE LED1x2300 H117 T840 PC/PC OP LT80 1G	662	96	111	2268	14,8	153	80+	4000	1,3
SINE LED1x2700 H118 T840 PC/PC OP LT80 1G	662	96	111	2674	17,8	150	80+	4000	1,3
SINE LED1x3750 H119 T840 PC/PC OP LT80 1G	1272	96	111	3742	25,2	148	80+	4000	2,1
SINE LED1x5350 H120 T840 PC/PC OP LT80 1G	1272	96	111	5348	35,5	151	80+	4000	2,1
SINE LED1x4700 H211 T840 PC/PC OP LT80	1572	96	111	4678	31,5	149	80+	4000	2,1
SINE LED1x6700 H122 T840 PC/PC OP LT80 1G	1572	96	111	6685	44,4	151	80+	4000	2,6
SINE LED1x8700 H124 T840 PC/PC OP LT80	1572	96	111	8666	59,7	145	80+	4000	2,6

*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT - SINE/Proof/Nord/Sumatra/Cyclone LED 1.5m
Description: Suspension kit for SINE/Proof/Nord/Sumatra/Cyclone LED luminaires, 1.5 meter, 2pcs



Product: Remote Control HRC-11
Description: The functionality of the sensors is controlled by a number of parameters which can be changed or programmed remote with an infrared handset
**note - remote control for HBPIR-M; HBPIR DALI-M*

Product: Suspension MTG KIT - SINE/Proof/Nord/Sumatra/Cyclone LED 3.0m
Description: Suspension kit for SINE/Proof/Nord/Sumatra/Cyclone LED luminaires, 3.0 meter, 2pcs

OPTIONS AVAILABLE ON REQUEST:

LED	MATERIAL	CONTROL GEAR	SENSORS	EMERGENCY	CONNECTION	OTHER	PROTECTION
T830	ABS/PMMA ¹	DALI ²	MW	EM3	1LIN ⁶	IC	II
T840		BLT	MWRFM+	EM3A ⁴ 5	2LIN ⁶		
		KRBLT	MW DALI2	EM3Atmin-25 ⁵	3LIN ⁶		
		KRBLT DALI	MW KRBLT	EM3D ⁴ 5	1LIN2.5 ⁶		
		COR	MW KRBLT DALI		2LIN2.5 ⁶		
		COR1min	HBPIR-M ³		3LIN2.5 ⁶		
		COR30min	HBPIR DALI-M ³		2G		
			HBPIR KRBLT ³		C3		
			HBPIR KBRT DALI ³				

1 Luminaires with ABS/PMMA options are equipped with plastic cable glands

2 For DALI LIN option wires are 2x0.5mm²

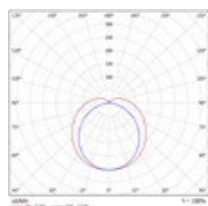
3 Luminaire with integrated PIR sensor protection degree is IK05

4 Operating temperature range for luminaires with EM option, °C: ta 0... +35

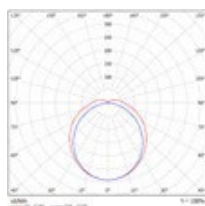
5 Options EM3A, EM3Atmin25 and EM3D not applicable for models: H117, H118

6 LIN options applicable for models longer than 800mm, for shorter models 5 pole terminal block included as standard

OP LT80



OP LT80 (2xversion)







SINE LED Ex

Explosion-Proof Luminaires



DESCRIPTION: Surface mounted explosion-proof LED luminaire
Light distribution type: direct
Optical system: opal polycarbonate diffuser, impact resistant
Housing: polycarbonate, stainless steel clips
Colour: light grey
Marking of explosion-protection: II 3G Ex nA IIC T6
 Gc; II 3D Ex tD IIIC T85 C IP66 Dc
Explosion group: Gas: IIC, IIB, IIA Dust: IIIC, IIIB, IIIA
Hazardous zones: 2, 22

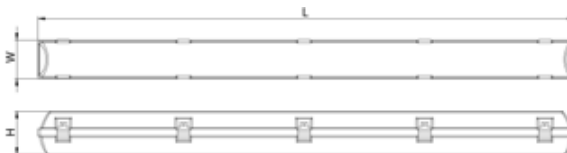


GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
 LED lifetime, h: 75000/L80B50
 SDCM: 3
 Protection class IEC: I
 Ingress protection code: IP66
 Mechanical impact resistance: IK08
 Operating temperature range, °C: ta -25...+40

INSTALLATION: On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 3x2x2.5mm². Cable diameter: Ø7-13mm

ENVIRONMENT: Indoor

APPLICATION: Industry. Designed for illumination of hazardous areas where an explosive atmosphere persists for a short period



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
SINE LED1x1300 C101 T840 PC/PC OP IC Ex	662	96	111	1389	11,6	120	80+	4000	1,3
SINE LED1x1900 C102 T840 PC/PC OP IC Ex	662	96	111	1884	17,2	110	80+	4000	1,3
SINE LED2x1300 C104 T840 PC/PC OP IC Ex	662	146	111	2779	23,2	120	80+	4000	1,8
SINE LED2x1900 C105 T840 PC/PC OP IC Ex	662	146	111	3768	32,4	116	80+	4000	1,8
SINE LED1x2600 C107 T840 PC/PC OP IC Ex	1272	96	111	2779	23,2	120	80+	4000	2,1
SINE LED1x3800 C108 T840 PC/PC OP IC Ex	1272	96	111	3768	32,4	116	80+	4000	2,1
SINE LED2x2600 C110 T840 PC/PC OP IC Ex	1272	146	111	5558	43,8	127	80+	4000	2,8
SINE LED2x3800 C111 T840 PC/PC OP IC Ex	1272	146	111	7537	64,8	116	80+	4000	2,8
SINE LED1x3200 C113 T840 PC/PC OP IC Ex	1572	96	111	3473	27,3	127	80+	4000	2,6
SINE LED1x4700 C114 T840 PC/PC OP IC Ex	1572	96	111	4711	40,5	116	80+	4000	2,6
SINE LED2x3200 C116 T840 PC/PC OP IC Ex	1572	146	111	6947	54,7	127	80+	4000	3,3
SINE LED2x4700 C117 T840 PC/PC OP IC Ex	1572	146	111	9421	81,0	116	80+	4000	3,3

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

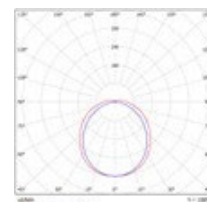
OPTIONS AVAILABLE ON REQUEST:

LED	EMERGENCY	CONNECTION
T830	EM3B ^{1 2}	5TB
T840		1LIN2.5
		3LIN2.5

1 EM options not applicable for models: C101, C102, C104, C105

2 Operating temperature range for Luminaires with EM option, °C: ta 0... +35

OP





EXPLOSION-PROOF LUMINAIRES

FLARES P LED

Aluminum Profile Luminaires



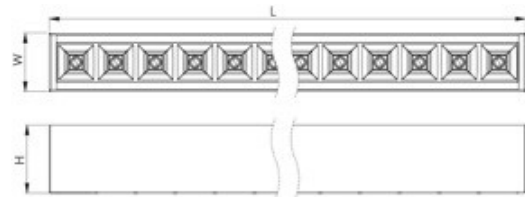
DESCRIPTION: Surface mounted or suspended slim profile LED luminaire for in-line connection
Light distribution type: direct
Optical system: double parabolic reflector with lenses, low glare
Housing: aluminium
Colour: light grey, RAL9006S; white, RAL9003S; black, RAL9005S

GENERAL DATA: **Mains voltage:** 220-240V, 0/50-60Hz
LED lifetime, h: 100000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP40
Mechanical impact resistance: IK05
Operating temperature range, °C: ta 0...+35

INSTALLATION: On the ceiling or suspended (wire, cable and cap to be ordered separately), with L/LL option is designed for in-line connection. Push-in terminal, 3x2x2.5mm²

ENVIRONMENT: Indoor

APPLICATION: Office, education, hotel, corridor, retail, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
FLARES P LED1x3050 K170 T840 WMC LO1	1136	59	69	3014	17,5	172	80+	4000	2,3
FLARES P LED1x3750 K171 T840 WMC LO2	1136	59	69	3713	21,8	170	80+	4000	2,3
FLARES P LED1x4400 K172 T840 WMC LO3	1136	59	69	4393	26,1	168	80+	4000	2,3
FLARES P LED1x5100 K173 T840 WMC LO4	1136	59	69	5090	31,2	163	80+	4000	2,3
FLARES P LED1x3800 K174 T840 WMC LO1	1416	59	69	3768	21,6	174	80+	4000	2,6
FLARES P LED1x4650 K175 T840 WMC LO2	1416	59	69	4642	26,6	175	80+	4000	2,6
FLARES P LED1x5500 K176 T840 WMC LO3	1416	59	69	5492	32,0	172	80+	4000	2,6
FLARES P LED1x6400 K177 T840 WMC LO4	1416	59	69	6363	37,7	169	80+	4000	2,6
FLARES P LED1x6050 K178 T840 WMC LO1	2256	59	69	6029	33,0	183	80+	4000	4,0
FLARES P LED1x7450 K179 T840 WMC LO2	2256	59	69	7427	41,7	178	80+	4000	4,0
FLARES P LED1x8800 K180 T840 WMC LO3	2256	59	69	8787	50,6	174	80+	4000	4,0
FLARES P LED1x10200 K181 T840 WMC LO4	2256	59	69	10181	59,1	172	80+	4000	4,0
FLARES P LED1x7550 K182 T840 WMC LO1	2816	59	69	7536	41,3	182	80+	4000	5,0
FLARES P LED1x9300 K183 T840 WMC LO2	2816	59	69	9284	52,2	178	80+	4000	5,0
FLARES P LED1x11000 K184 T840 WMC LO3	2816	59	69	10983	62,6	175	80+	4000	5,0
FLARES P LED1x12750 K185 T840 WMC LO4	2816	59	69	12726	73,1	174	80+	4000	5,0

PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
FLARES P LED1x2600 K170 T840 BMC LO1	1136	59	69	2598	17,5	148	80+	4000	2,3
FLARES P LED1x3200 K171 T840 BMC LO2	1136	59	69	3200	21,8	147	80+	4000	2,3
FLARES P LED1x3800 K172 T840 BMC LO3	1136	59	69	3786	26,1	145	80+	4000	2,3
FLARES P LED1x4400 K173 T840 BMC LO4	1136	59	69	4386	30,8	142	80+	4000	2,3
FLARES P LED1x3250 K174 T840 BMC LO1	1416	59	69	3247	21,6	150	80+	4000	2,6
FLARES P LED1x4000 K175 T840 BMC LO2	1416	59	69	4000	26,6	150	80+	4000	2,6
FLARES P LED1x4750 K176 T840 BMC LO3	1416	59	69	4732	32,0	148	80+	4000	2,6
FLARES P LED1x5500 K177 T840 BMC LO4	1416	59	69	5483	37,7	145	80+	4000	2,6
FLARES P LED1x5200 K178 T840 BMC LO1	2256	59	69	5195	33,0	157	80+	4000	4,0
FLARES P LED1x6400 K179 T840 BMC LO2	2256	59	69	6400	41,7	153	80+	4000	4,0
FLARES P LED1x7600 K180 T840 BMC LO3	2256	59	69	7571	50,6	150	80+	4000	4,0
FLARES P LED1x8800 K181 T840 BMC LO4	2256	59	69	8773	59,1	148	80+	4000	4,0
FLARES P LED1x6500 K182 T840 BMC LO1	2816	59	69	6494	41,3	157	80+	4000	5,0
FLARES P LED1x8000 K183 T840 BMC LO2	2816	59	69	8000	52,2	153	80+	4000	5,0
FLARES P LED1x9500 K184 T840 BMC LO3	2816	59	69	9464	62,6	151	80+	4000	5,0
FLARES P LED1x11000 K185 T840 BMC LO4	2816	59	69	10966	73,1	150	80+	4000	5,0

BLANK FLARES LED track assembly see on page 229

*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 2pcs MTG SUSI KIT for length up to 2000mm, 3pcs MTG SUSI KIT for lengths 2000 - 3000mm*
**note - SUS option is required*



Product: WALL MTG KIT - FLARES LED RAL9006S
Description: Support bracket for luminaire installation onto the wall. FLARES LED, 1pcs
**note - 2pcs WALL MTG KIT for length up to 2000mm, 3pcs WALL MTG KIT for length 2000 - 3000mm*



Product: IJOIN MTG KIT FLARES LED RAL9006S
Description: "I" type joint kit for connecting luminaires in-line
**note - check RAL colour to match luminaire*



Product: LJOIN MTG KIT FLARES LED RAL9006S
Description: "L" type joint kit for connecting luminaires in-line
**note - check RAL colour to match luminaire*



Product: TJOIN MTG KIT FLARES LED RAL9006S
Description: "T" type joint kit for connecting luminaires in-line
**note - check RAL colour to match luminaire*



Product: XJOIN MTG KIT FLARES LED RAL9006S
Description: "X" type joint kit for connecting luminaires in-line
**note - check RAL colour to match luminaire*



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



Product: CAP cable clip D6.3mm SET clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm



Product: CAP4, light grey/ white/ black
Description: Square FLARESative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 3x1x1.5mm², light grey/ white/ black



Product: CAP5, light grey/ white/ black
Description: Square FLARESative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 5x1x1.5mm², light grey/ white/ black



Product: Panel removal tool FLARES S / Serpens S
Description: A pair of Serpens S / FLARES S - panel removal tools for neat panel removal during installation

Product: Remote Control HRC-11
Description: The functionality of the sensors is controlled by a number of parameters which can be changed or programmed remote with an infrared handset
**note -remote control for PIR DALI*

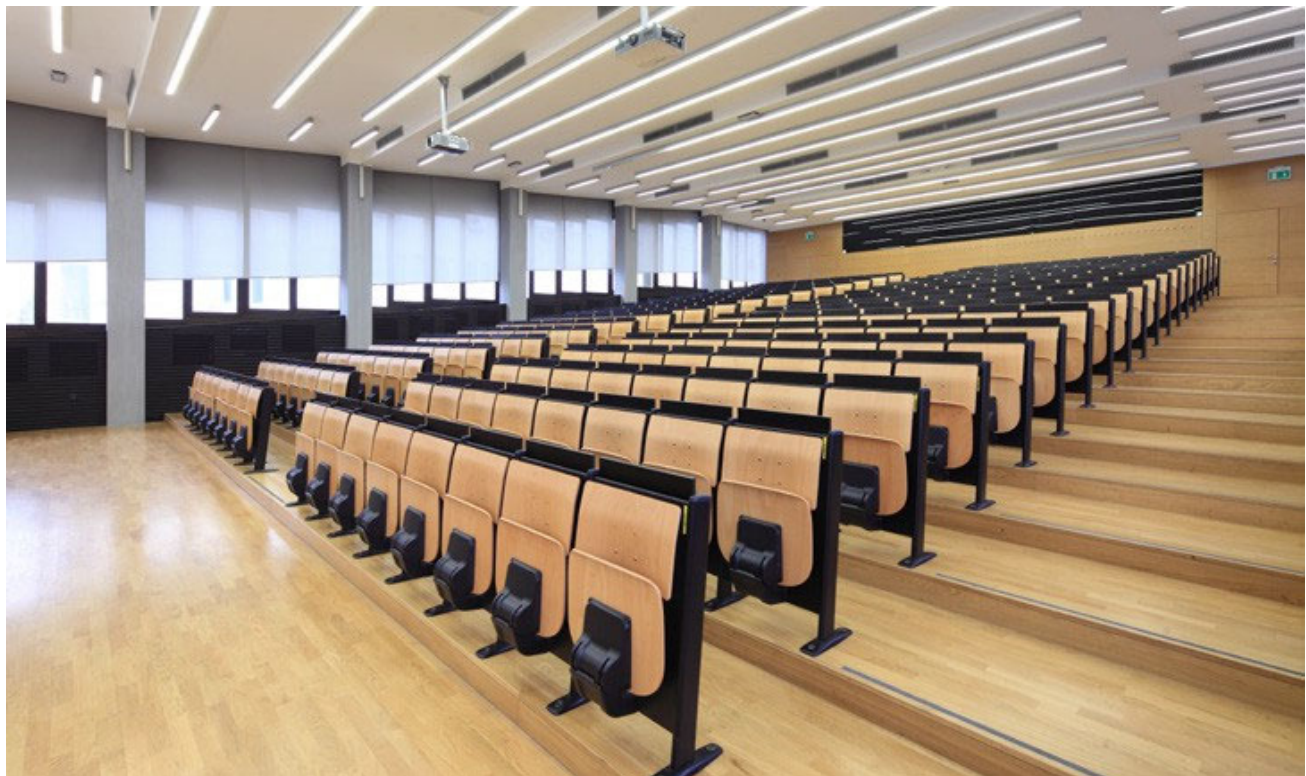
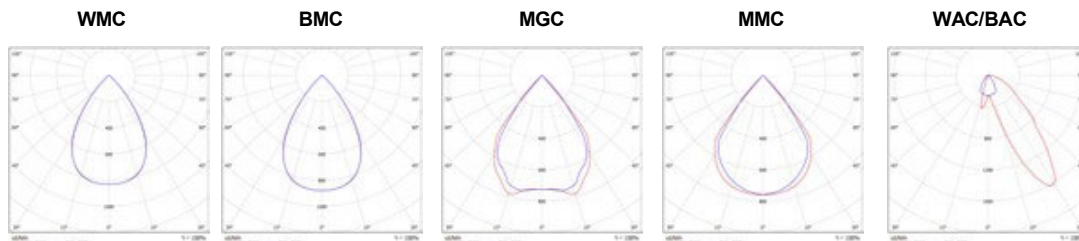
BLANK FLARES P LED with GA EDGE B LED
(ask for special model)



OPTIONS AVAILABLE ON REQUEST:

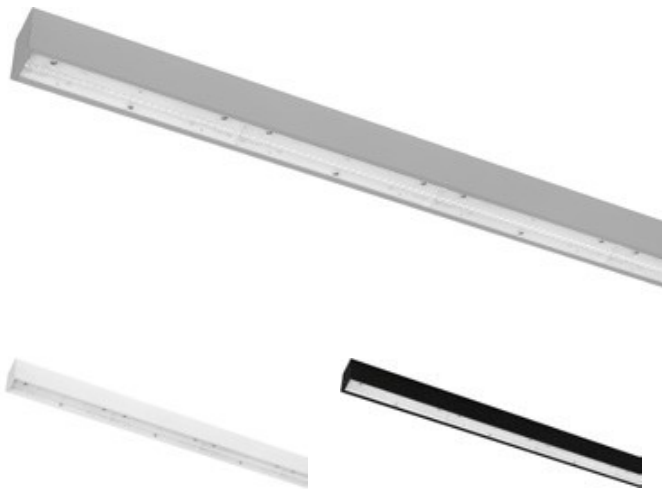
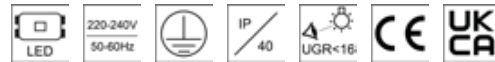
LED	REFLECTOR AND OPTICS	CONTROL GEAR	SENSORS	EMERGENCY	CONNECTION	OTHER	COLOUR
T830	WMC	DALI ¹	MW ³ 4	EM3 ⁹	1LIN ¹⁰	L	RAL
T840	BMC	EAIRB-M ² 3 4 5 6 7	PIR ³ 4	EM3A ⁹	2LIN ¹⁰	LL	
	MGC	EAIRB-S ⁶ 7	PIR DALI ³ 4	EM3D ⁹	3LIN ¹⁰	I-join L ¹²	
	MMC	BLT	PIR BLT DALI ³ 4		2G	I-join LL ¹²	
	WAC-L/BAC-L	COR	PIR KRBLT DALI ³ 4		CBF3-2.0m clear ¹¹	L I-join LL	
	WAC-R/BAC-R	COR1min				SUS	
		COR30min					
		KRBLT					
		KRBLT DALI					
		PULL ⁸					
		PULLDIM ⁸					

- 1 For DALI LIN option wires are 2x0.5mm²
- 2 Ingress protection IP20
- 3 For options EAIRB, MW and PIR luminaire housing is 72mm longer
- 4 The EAIRB, MW, PIR sensors are positioned in the end of the luminaire for lengths up to 1800mm, and in the middle of the luminaire for lengths over 1800mm
- 5 EAIRB option is not applicable for model: K177
- 6 Max system size 1x EAIRB-M + 3x EAIRB-S
- 7 Max wire length from EAIRB-M to last EAIRB-S - 11 m
- 8 For PULL and PULLDIM option luminaire housing is 50mm longer and switch is positioned at the end of luminaire
- 9 EM options applicable for models longer than 1000mm
- 10 LIN options applicable for models longer than 800mm
- 11 For suspended luminaires it is recommended to use one of CBF option for easier mounting
- 12 For I-join L and I-join LL models joint kit not included, 1LIN option included (5TB option for lengths up to 800mm)
- 13 Intermediate luminaire must have IJOIN L, IJOIN LL or L IJOIN LL options, depending on installation position

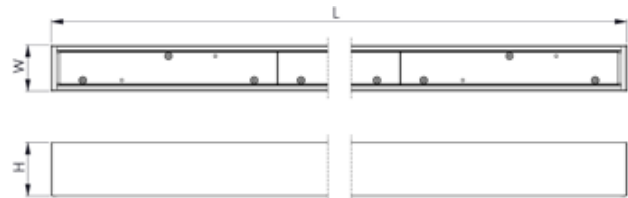


FLARES O LED

Aluminium Profile Luminaires



DESCRIPTION:	Surface mounted or suspended slim profile LED luminaire for in-line connection Light distribution type: direct Optical system: lenses, low glare Housing: aluminium Colour: light grey, RAL9006S; white, RAL9003S; black, RAL9005S
GENERAL DATA:	Mains voltage: 220-240V, 0/50-60Hz LED lifetime, h: 100000/L80B10 SDCM: 3 Protection class IEC: I Ingress protection code: IP40 Mechanical impact resistance: IK05 Operating temperature range, °C: ta 0...+35
INSTALLATION:	On the ceiling or suspended (wire, cable and cap to be ordered separately), with L/LL option is designed for in-line connection. Push-in terminal, 3x2x2.5mm ²
ENVIRONMENT:	Indoor
APPLICATION:	Office, education, hotel, corridor, retail, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
FLARES O LED1x3850 K202 T840 L75 LO1	1148	59	69	3804	21,7	175	80+	4000	2,3
FLARES O LED1x5350 K203 T840 L75 LO2	1148	59	69	5317	31,7	168	80+	4000	2,3
FLARES O LED1x5500 K204 T840 L75 LO3	1148	59	69	5492	29,8	184	80+	4000	2,3
FLARES O LED1x6600 K205 T840 L75 LO4	1148	59	69	6556	35,7	184	80+	4000	2,3
FLARES O LED1x7600 K206 T840 L75 LO5	1148	59	69	7560	41,5	182	80+	4000	2,3
FLARES O LED1x4800 K207 T840 L75 LO1	1428	59	69	4755	27,4	174	80+	4000	2,6
FLARES O LED1x6650 K208 T840 L75 LO2	1428	59	69	6647	38,8	171	80+	4000	2,6
FLARES O LED1x6900 K209 T840 L75 LO3	1428	59	69	6864	36,5	188	80+	4000	2,6
FLARES O LED1x8200 K210 T840 L75 LO4	1428	59	69	8195	44,1	186	80+	4000	2,6
FLARES O LED1x9450 K211 T840 L75 LO5	1428	59	69	9450	51,3	184	80+	4000	2,6
FLARES O LED1x9550 K212 T840 L75 LO1	2831	59	69	9510	51,4	185	80+	4000	5,0
FLARES O LED1x13300 K213 T840 L75 LO2	2831	59	69	13294	75,1	177	80+	4000	5,0
FLARES O LED1x13750 K214 T840 L75 LO3	2831	59	69	13729	72,1	190	80+	4000	5,0
FLARES O LED1x16400 K215 T840 L75 LO4	2831	59	69	16390	86,4	190	80+	4000	5,0
FLARES O LED1x18950 K216 T840 L75 LO5	2831	59	69	18901	101,6	186	80+	4000	5,0

BLANK FLARES LED track assembly see on page 229

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 2pcs MTG SUSI KIT for length up to 2000mm, 3pcs MTG SUSI KIT for lengths 2000 - 3000mm*
**note - SUS option is required*



Product: I-JOIN MTG KIT FLARES LED RAL9006S
Description: "I" type joint kit for connecting luminaires in-line
**note - check RAL colour to match luminaire*



Product: L-JOIN MTG KIT FLARES LED RAL9006S
Description: "L" type joint kit for connecting luminaires in-line
**note - check RAL colour to match luminaire*



Product: T-JOIN MTG KIT FLARES LED RAL9006S
Description: "T" type joint kit for connecting luminaires in-line
**note - check RAL colour to match luminaire*



Product: X-JOIN MTG KIT FLARES LED RAL9006S
Description: "X" type joint kit for connecting luminaires in-line
**note - check RAL colour to match luminaire*



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



Product: CAP cable clip D6.3mm SET clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm



Product: CAP4, light grey/ white/ black
Description: Square FLARESative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 3x1x1.5mm², light grey/ white/ black



Product: CAP5, light grey/ white/ black
Description: Square FLARESative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 5x1x1.5mm², light grey/ white/ black



Product: Panel removal tool FLARES S / Serpens S
Description: A pair of Serpens S / FLARES S panel removal tools for neat panel removal during installation

Product: Remote Control HRC-11
Description: The functionality of the sensors is controlled by a number of parameters which can be changed or programmed remote with an infrared handset
**note -remote control for PIR DALI*

BLANK FLARES O LED with GA EDGE B LED
(ask for special model)



OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR	SENSORS	EMERGENCY	CONNECTION	OTHER	COLOUR
T830	L30	DALI ¹	MW ³	EM3 ⁸	1LIN	L	RAL
T840	L40x75	EAIRB-M ² 3 4 5 6	PIR ³	EM3A ⁸	2LIN	LL	
	L75	EAIRB-S ⁵ 6	PIR DALI ³	EM3D ⁸	3LIN	I-join L ⁹	
	L75W	BLT	PIR BLT DALI ³		CBF3-2.0m clear	I-join LL ⁹	
	L90W	KRBLT	PIR KRBLT DALI ³			L I-join LL	
	L100	KRBLT DALI				SUS ¹⁰	
	L1A18-L	COR					
	L1A18-R	COR1min					
	L2A25	COR30min					
		PULL ⁷					
		PULLDIM ⁷					

¹ For DALI LIN option wires are 2x0.5mm²

² Ingress protection IP20

³ For options EAIRB, MW and PIR luminaire housing is 72mm longer

⁴ The EAIRB sensors are positioned in the end of the luminaire for lengths up to 1800mm, and in the middle of the luminaire for lengths over 1800mm

⁵ Max system size 1x EAIRB-M + 3x EAIRB-S

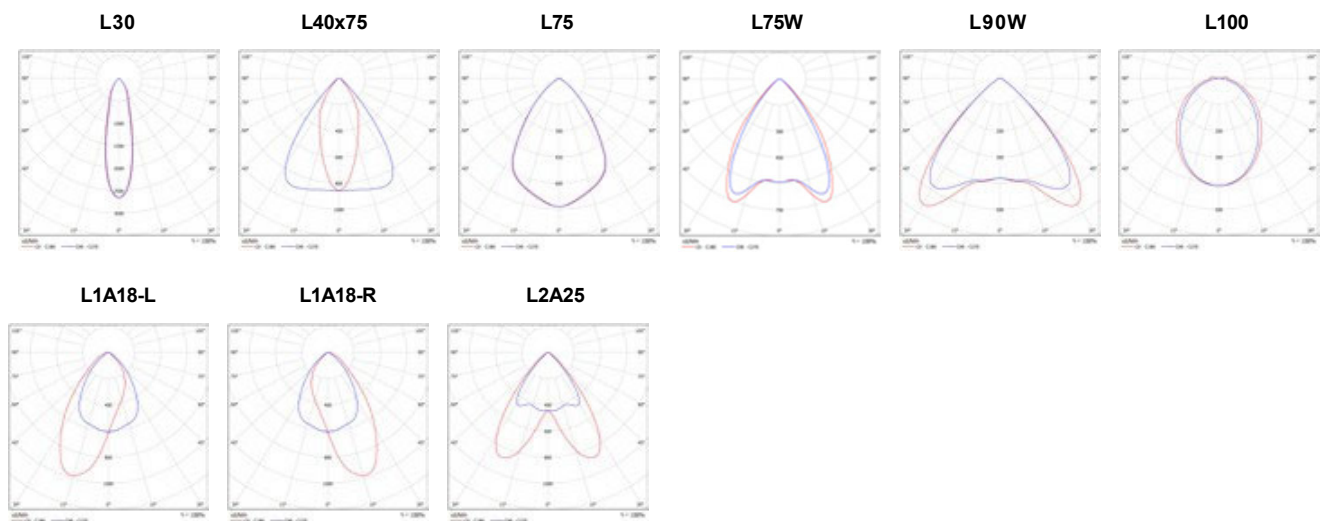
⁶ Max wire length from EAIRB-M to last EAIRB-S - 11m

⁷ For PULL and PULLDIM option luminaire housing is 50mm longer and switch is positioned at the end of luminaire

⁸ EM options applicable for models longer than 1000mm

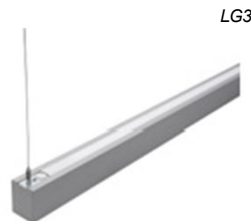
⁹ For I-join L and I-join LL models joint kit not included, 1LIN option included (5TB option for lengths up to 800mm)

¹⁰ For suspended luminaires it is recommended to use one of CBF option for easier mounting



FLARES L LED

Aluminum Profile Luminaires

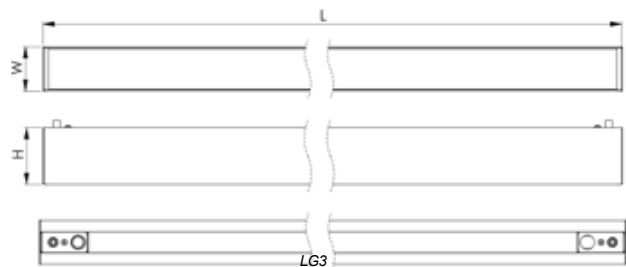


DESCRIPTION: **Suspended middle profile LED luminaire for in-line connection**
Light distribution type: direct/indirect
Optical system: opal polycarbonate diffuser / matt micro-prismatic polycarbonate diffuser, low glare
Housing: aluminium
Colour: light grey, RAL9006S; white, RAL9003S; black, RAL9005S

GENERAL DATA: **Mains voltage:** 220-240V, 0/50-60Hz
LED lifetime, h: 50000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP40
Mechanical impact resistance: IK05
Glow wire test, °C: 650
Operating temperature range, °C: ta 0...+35

INSTALLATION: Suspended (wire, cable and cap to be ordered separately), with L/LL option is designed for in-line connection. Push-in terminal, 3x2x2.5mm²

ENVIRONMENT: Indoor
Office, education, hotel, retail, public place



Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
Flares L LED1x1550/950 H351 T830 OP LG3 LO1	1133	59	80	2341	19,3	121	80+	3000	2,7
Flares L LED1x2100/1300 H352 T830 OP LG3 LO2	1133	59	80	3191	27,2	117	80+	3000	2,7
Flares L LED1x2900/1750 H353 T830 OP LG3 LO3	1133	59	80	4386	38,2	115	80+	3000	2,7
Flares L LED1x1950/1200 H354 T830 OP LG3 LO1	1413	59	80	2927	22,8	128	80+	3000	3,2
Flares L LED1x2600/1600 H355 T830 OP LG3 LO2	1413	59	80	3988	33,7	118	80+	3000	3,2
Flares L LED1x3600/2200 H356 T830 OP LG3 LO3	1413	59	80	5482	47,8	115	80+	3000	3,2
Flares L LED1x1550/950 H351 T840 OP LG3 LO1	1133	59	80	2452	19,3	127	80+	4000	2,7
Flares L LED1x2100/1300 H352 T840 OP LG3 LO2	1133	59	80	3340	27,2	123	80+	4000	2,7
Flares L LED1x2900/1750 H353 T840 OP LG3 LO3	1133	59	80	4592	38,2	120	80+	4000	2,7
Flares L LED1x1950/1200 H354 T840 OP LG3 LO1	1413	59	80	3064	22,8	134	80+	4000	3,2
Flares L LED1x2600/1600 H355 T840 OP LG3 LO2	1413	59	80	4176	33,7	124	80+	4000	3,2
Flares L LED1x3600/2200 H356 T840 OP LG3 LO3	1413	59	80	5739	47,8	120	80+	4000	3,2
Flares L LED1x1450/950 H351 T830 DPRZ LT80 LG3 LO1	1133	59	80	2244	19,3	116	80+	3000	2,7
Flares L LED1x1950/1300 H352 T830 DPRZ LT80 LG3 LO2	1133	59	80	3058	27,2	112	80+	3000	2,7
Flares L LED1x2700/1750 H353 T830 DPRZ LT80 LG3 LO3	1133	59	80	4204	38,2	110	80+	3000	2,7
Flares L LED1x1800/1200 H354 T830 DPRZ LT80 LG3 LO1	1413	59	80	2805	22,8	123	80+	3000	3,2
Flares L LED1x2450/1600 H355 T830 DPRZ LT80 LG3 LO2	1413	59	80	3823	33,7	113	80+	3000	3,2

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI* (Ra)	CCT*, K	Weight, kg
Flares L LED1x3350/2200 H356 T830 DPRZ LT80 LG3 LO3	1413	59	80	5255	47,8	110	80+	3000	3,2
Flares L LED1x1450/950 H351 T840 DPRZ LT80 LG3 LO1	1133	59	80	2350	19,3	122	80+	4000	2,7
Flares L LED1x1950/1300 H352 T840 DPRZ LT80 LG3 LO2	1133	59	80	3201	27,2	118	80+	4000	2,7
Flares L LED1x2700/1750 H353 T840 DPRZ LT80 LG3 LO3	1133	59	80	4401	38,2	115	80+	4000	2,7
Flares L LED1x1800/1200 H354 T840 DPRZ LT80 LG3 LO1	1413	59	80	2937	22,8	129	80+	4000	3,2
Flares L LED1x2450/1600 H355 T840 DPRZ LT80 LG3 LO2	1413	59	80	4002	33,7	119	80+	4000	3,2
Flares L LED1x3350/2200 H356 T840 DPRZ LT80 LG3 LO3	1413	59	80	5501	47,8	115	80+	4000	3,2

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 2pcs of MTG SUSI KIT required*



Product: CAP cable clip D6.3mm SET clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



Product: CAP4, light grey/ white/ black
Description: Square FLARESative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 3x1x1.5mm², light grey/ white/ black



Product: CAP5, light grey/ white/ black
Description: Square FLARESative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 5x1x1.5mm², light grey/ white/ black

Product: WALL MTG KIT - FLARES L/LP LED RAL9006S (P)

Description: Support bracket for luminaire installation onto wall. FLARES L/LP LED, 1pcs
**note - 2pcs WALL MTG KIT - elements for length up to 2000mm, 3pcs for lengths 2000 - 3000mm required*

OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND	CONTROL GEAR	SENSORS	EMERGENCY	CONNECTION	OTHER	COLOUR
T830	OP	DALI ¹	MW ^{3 4}	EM3 ^{6 7 8}	1LIN	L ¹⁰	RAL
T840	DPRZ LT80	DALIsep ¹	PIR ^{3 4}	EM3A ^{6 7 8}	2LIN	LL ¹⁰	
		EAIRB ^{2 3 4}	PIR BLT DALI ^{3 4}	EM3D ^{6 7 8}	3LIN	SUS ⁹	
		BLT			2G		
		KRBLT			CBF3-2.0m clear ⁹		
		KRBLT DALI					
		TW					
		PULL ⁵					
		PULLDIM ⁵					
		Lsep					

1 For DALI LIN option wires are 2x0.5mm²

2 Ingress protection IP20

3 For options EAIRB, MW and PIR luminaire housing is 72mm longer

4 The EAIRB, MW and PIR sensors are positioned in the end of the luminaire for lengths up to 1800mm, and in the middle of the luminaire for lengths over 1800mm

5 For PULL and PULLDIM options luminaire housing is 50mm longer and switch is positioned at the end of luminaire

6 When emergency mode is active, only DOWN part is illuminated

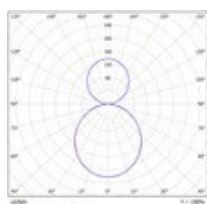
7 EM options applicable for models longer than 1000mm

8 Operating temperature range for Luminaires with EM option, °C: ta 0... +35

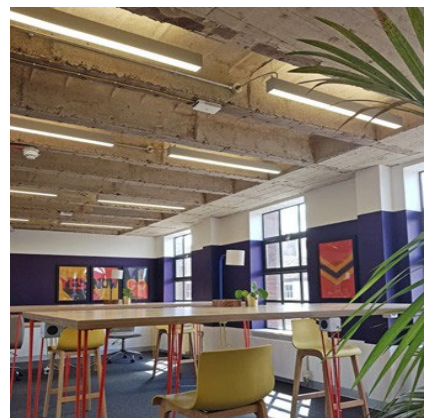
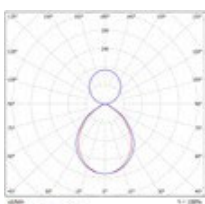
9 For suspended luminaires it is recommended to use one of CBF option for easier mounting

10 For L and LL models joint kit and 1LIN option included (5TB option for lengths up to 800mm)

OP LG3



DPRZ LT80 LG3



FLARES LP LED

Aluminum Profile Luminaires

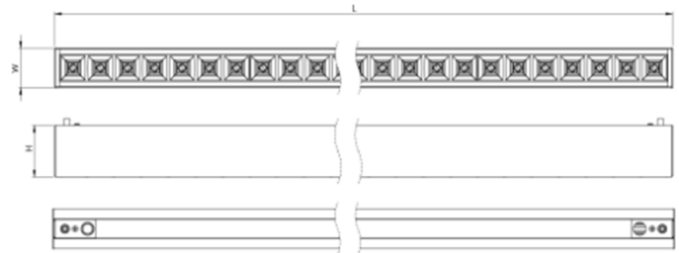
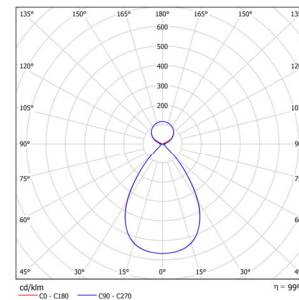


DESCRIPTION: **Suspended middle profile LED luminaire**
Light distribution type: direct/indirect
Optical system: double parabolic reflector with lenses, low glare
Housing: aluminium
Colour: light grey, RAL9006S; white, RAL9003S; black, RAL9005S

GENERAL DATA: **Mains voltage:** 220-240V, 0/50-60Hz **LED**
lifetime, h: 100000/L80B10 **SDCM:** 3
Protection class IEC: I
Ingress protection code: IP40 **Mechanical impact resistance:** IK05 **Operating temperature range, °C:** ta 0...+35

INSTALLATION: Suspended (wire, cable and cap to be ordered separately) Push-in terminal, 3x2x2.5mm2

ENVIRONMENT: Indoor
Office, education, retail, public place



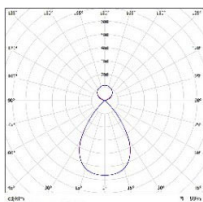
Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
Flares LP LED1x3050/1400 K186 T830 WMC LG3 LO1	1136	59	80	4227	25,4	166	80+	3000	2,7
Flares LP LED1x3750/1750 K187 T830 WMC LG3 LO2	1136	59	80	5203	32,1	162	80+	3000	2,7
Flares LP LED1x4400/2050 K188 T830 WMC LG3 LO3	1136	59	80	6202	38,4	162	80+	3000	2,7
Flares LP LED1x5100/2350 K189 T830 WMC LG3 LO4	1136	59	80	7180	45,4	158	80+	3000	2,7
Flares LP LED1x3800/1700 K190 T830 WMC LG3 LO1	1416	59	80	5216	31,3	167	80+	3000	3,2
Flares LP LED1x4650/2100 K191 T830 WMC LG3 LO2	1416	59	80	6421	39,1	164	80+	3000	3,2
Flares LP LED1x5500/2450 K192 T830 WMC LG3 LO3	1416	59	80	7587	47,4	160	80+	3000	3,2
Flares LP LED1x6400/2850 K193 T830 WMC LG3 LO4	1416	59	80	8785	55,3	159	80+	3000	3,2
Flares LP LED1x6050/2800 K194 T830 WMC LG3 LO1	2256	59	80	8454	49,7	170	80+	3000	5,3
Flares LP LED1x7450/3450 K195 T830 WMC LG3 LO2	2256	59	80	10406	62,1	168	80+	3000	5,3
Flares LP LED1x8800/4100 K196 T830 WMC LG3 LO3	2256	59	80	12296	75,3	163	80+	3000	5,3
Flares LP LED1x10200/4700 K197 T830 WMC LG3 LO4	2256	59	80	14237	88,9	160	80+	3000	5,3
Flares LP LED1x7550/3400 K198 T830 WMC LG3 LO1	2816	59	80	10432	60,6	172	80+	3000	6,6
Flares LP LED1x9300/4150 K199 T830 WMC LG3 LO2	2816	59	80	12842	76,5	168	80+	3000	6,6
Flares LP LED1x11000/4900 K200 T830 WMC LG3 LO3	2816	59	80	15175	92,8	164	80+	3000	6,6
Flares LP LED1x12750/5650 K201 T830 WMC LG3 LO4	2816	59	80	17570	109,5	160	80+	3000	6,6

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

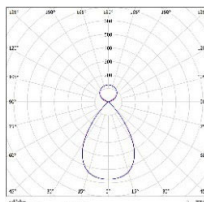
Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
Flares LP LED1x3050/1400 K186 T840 WMC LG3 LO1	1136	59	80	4414	25,4	174	80+	4000	2,7
Flares LP LED1x3750/1750 K187 T840 WMC LG3 LO2	1136	59	80	5433	32,1	169	80+	4000	2,7
Flares LP LED1x4400/2050 K188 T840 WMC LG3 LO3	1136	59	80	6421	38,5	167	80+	4000	2,7
Flares LP LED1x5100/2350 K189 T840 WMC LG3 LO4	1136	59	80	7434	45,4	164	80+	4000	2,7
Flares LP LED1x3800/1700 K190 T840 WMC LG3 LO1	1416	59	80	5447	31,3	174	80+	4000	3,2
Flares LP LED1x4650/2100 K191 T840 WMC LG3 LO2	1416	59	80	6705	39,1	171	80+	4000	3,2
Flares LP LED1x5500/2450 K192 T840 WMC LG3 LO3	1416	59	80	7924	47,4	167	80+	4000	3,2
Flares LP LED1x6400/2850 K193 T840 WMC LG3 LO4	1416	59	80	9174	55,3	166	80+	4000	3,2
Flares LP LED1x6050/2800 K194 T840 WMC LG3 LO1	2256	59	80	8829	49,7	178	80+	4000	5,3
Flares LP LED1x7450/3450 K195 T840 WMC LG3 LO2	2256	59	80	10867	62,1	175	80+	4000	5,3
Flares LP LED1x8800/4100 K196 T840 WMC LG3 LO3	2256	59	80	12842	75,3	171	80+	4000	5,3
Flares LP LED1x10200/4700 K197 T840 WMC LG3 LO4	2256	59	80	14868	88,9	167	80+	4000	5,3
Flares LP LED1x7550/3400 K198 T840 WMC LG3 LO1	2816	59	80	10895	60,6	180	80+	4000	6,6
Flares LP LED1x9300/4150 K199 T840 WMC LG3 LO2	2816	59	80	13411	76,5	175	80+	4000	6,6
Flares LP LED1x11000/4900 K200 T840 WMC LG3 LO3	2816	59	80	15847	92,8	171	80+	4000	6,6
Flares LP LED1x12750/5650 K201 T840 WMC LG3 LO4	2816	59	80	18348	109,5	168	80+	4000	6,6
Flares LP LED1x2600/1400 K186 T830 BMC LG3 LO1	1136	59	80	3827	25,4	151	80+	3000	2,7
Flares LP LED1x3200/1750 K187 T830 BMC LG3 LO2	1136	59	80	4710	32,1	147	80+	3000	2,7
Flares LP LED1x3800/2050 K188 T830 BMC LG3 LO3	1136	59	80	5612	38,5	146	80+	3000	2,7
Flares LP LED1x4400/2350 K189 T830 BMC LG3 LO4	1136	59	80	6496	45,4	143	80+	3000	2,7
Flares LP LED1x3250/1700 K190 T830 BMC LG3 LO1	1416	59	80	4717	31,3	151	80+	3000	3,2
Flares LP LED1x4000/2100 K191 T830 BMC LG3 LO2	1416	59	80	5806	39,1	148	80+	3000	3,2
Flares LP LED1x4750/2450 K192 T830 BMC LG3 LO3	1416	59	80	6859	47,4	145	80+	3000	3,2
Flares LP LED1x5500/2850 K193 T830 BMC LG3 LO4	1416	59	80	7941	55,3	144	80+	3000	3,2
Flares LP LED1x5200/2800 K194 T830 BMC LG3 LO1	2256	59	80	7654	49,7	154	80+	3000	5,3
Flares LP LED1x6400/3450 K195 T830 BMC LG3 LO2	2256	59	80	9421	62,1	152	80+	3000	5,3
Flares LP LED1x7600/4100 K196 T830 BMC LG3 LO3	2256	59	80	11131	75,3	148	80+	3000	5,3
Flares LP LED1x8800/4700 K197 T830 BMC LG3 LO4	2256	59	80	12887	88,9	145	80+	3000	5,3
Flares LP LED1x6500/3400 K198 T830 BMC LG3 LO1	2816	59	80	9433	60,6	156	80+	3000	6,6
Flares LP LED1x8000/4150 K199 T830 BMC LG3 LO2	2816	59	80	11611	76,5	152	80+	3000	6,6
Flares LP LED1x9500/4900 K200 T830 BMC LG3 LO3	2816	59	80	13719	92,8	148	80+	3000	6,6
Flares LP LED1x11000/5650 K201 T830 BMC LG3 LO4	2816	59	80	15883	109,5	145	80+	3000	6,6
Flares LP LED1x2600/1400 K186 T840 BMC LG3 LO1	1136	59	80	3998	25,4	157	80+	4000	2,7
Flares LP LED1x3200/1750 K187 T840 BMC LG3 LO2	1136	59	80	4920	32,1	153	80+	4000	2,7
Flares LP LED1x3800/2050 K188 T840 BMC LG3 LO3	1136	59	80	5814	38,5	151	80+	4000	2,7
Flares LP LED1x4400/2350 K189 T840 BMC LG3 LO4	1136	59	80	6730	45,4	148	80+	4000	2,7
Flares LP LED1x3250/1700 K190 T840 BMC LG3 LO1	1416	59	80	4926	31,3	157	80+	4000	3,2
Flares LP LED1x4000/2100 K191 T840 BMC LG3 LO2	1416	59	80	6063	39,1	155	80+	4000	3,2
Flares LP LED1x4750/2450 K192 T840 BMC LG3 LO3	1416	59	80	7164	47,4	151	80+	4000	3,2
Flares LP LED1x5500/2850 K193 T840 BMC LG3 LO4	1416	59	80	8294	55,3	150	80+	4000	3,2
Flares LP LED1x5200/2800 K194 T840 BMC LG3 LO1	2256	59	80	7995	49,7	161	80+	4000	5,3
Flares LP LED1x6400/3450 K195 T840 BMC LG3 LO2	2256	59	80	9840	62,1	158	80+	4000	5,3
Flares LP LED1x7600/4100 K196 T840 BMC LG3 LO3	2256	59	80	11626	75,3	154	80+	4000	5,3
Flares LP LED1x8800/4700 K197 T840 BMC LG3 LO4	2256	59	80	13460	88,9	151	80+	4000	5,3
Flares LP LED1x6500/3400 K198 T840 BMC LG3 LO1	2816	59	80	9853	60,6	163	80+	4000	6,6
Flares LP LED1x8000/4150 K199 T840 BMC LG3 LO2	2816	59	80	12127	76,5	159	80+	4000	6,6
Flares LP LED1x9500/4900 K200 T840 BMC LG3 LO3	2816	59	80	14328	92,8	154	80+	4000	6,6
Flares LP LED1x11000/5650 K201 T840 BMC LG3 LO4	2816	59	80	16588	109,5	151	80+	4000	6,6

*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

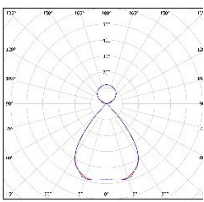
WMC LG3



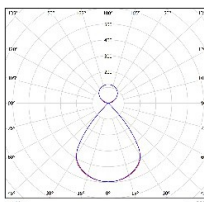
BMC LG3



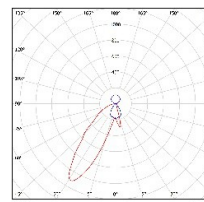
MGC LG3



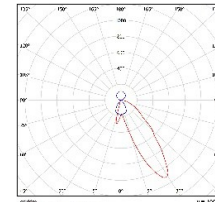
MMC LG3



WAC-L/BAC-L LG3



WAC-R/BAC-R LG3



OPTIONS AVAILABLE ON REQUEST:

T830	Colour temperature 3000K, CRI 80+
T840	Colour temperature 4000K, CRI 80+
WMC	White matt reflector with clear lens
BMC	Black matt reflector with clear lens
MGC	Metallic mirror finish reflector with clear lens
MMC	Metallic matt reflector with clear lens
WAC-L	Metallic mirror finish asymmetrical reflector with white shade and clear lens - left
WAC-R	Metallic mirror finish asymmetrical reflector with white shade and clear lens - right
BAC-L	Metallic mirror finish asymmetrical reflector with black shade and clear lens - left
BAC-R	Metallic mirror finish asymmetrical reflector with black shade and clear lens - right
<i>*note - module quantities per model: K186...K189 - 4; K190...K193 - 5; K194...K197 - 8; K198...K201 - 10</i>	
DALI	Driver with DALI interface and switch-control dimming
DALIsep	Driver with DALI interface and with possibility to control down and up light separately
<i>*note - for DALI LIN option wires are 2x0.5mm²</i>	
EAIRB	Integrated smart sensor and driver with wireless communication and grouping possibilities for lighting control
<i>*note - ingress protection IP20</i>	
<i>*note - For option EAIRB luminaire housing is 72mm longer</i>	
<i>*note - the EAIRB sensor are positioned in the end of the luminaire for lengths up to 1800mm, and in the middle of the luminaire for lengths over 1800mm</i>	
<i>*note - EAIRB option is not applicable for model: K177</i>	
BLT	Integrated wireless control unit and driver for lighting control via mobile device (via Bluetooth)
KRBLT	Integrated wireless control unit and driver for lighting control via mobile device (KR system app), on/off
KRBLT DALI	Integrated wireless control unit and driver for lighting control via mobile device (KR system app), DALI with integrated PS
PULL	Pull switch device, on/off
PULLDIM	Pull switch device and driver with switch-control dimming
<i>*note - For PULL and PULLDIM option luminaire housing is 50mm longer and switch is positioned at the end of luminaire</i>	
Lsep	Option that enables to control (on/off) Down and up lights separately

MW	Integrated microwave (MW) motion sensor with on-off control
<i>*note - for option MW luminaire housing is 72mm longer</i>	
<i>*note - the MW sensor is positioned in the end of the luminaire for lengths up to 1800mm, and in the middle of the luminaire for lengths over 1800mm</i>	
PIR	Integrated PIR sensor with on-off control
PIR DALI	Integrated PIR sensor with power supply and DALI driver
PIR BLT DALI	Integrated wireless PIR sensor with CASAMBI app control and DALI driver. Requires DALI power supply in the system
PIR KRBLT DALI	Integrated wireless PIR sensor with power supply and DALI driver for KR system controls
<i>*note - for option PIR luminaire housing is 72mm longer</i>	
<i>*note - PIR sensor is positioned in the end of the luminaire for lengths up to 1800mm, and in the middle of the luminaire for lengths over 1800mm</i>	
EM3	Emergency version 3 hours
EM3A	Emergency version equipped with an autonomous testing system, 3 hours
EM3D	Emergency version 3 hours with DALI interface
<i>*note - When emergency mode is active, only DOWN part is illuminated</i>	
<i>*note - PIR+EM+DALI+L and LL options are applicable for models longer than 1200mm</i>	
1LIN	Through wiring single phase d=1.5 mm² with two push-in terminal blocks
2LIN	Through wiring two phases d=1.5 mm² with two push-in terminal blocks
3LIN	Through wiring three phases d=1.5 mm² with two push-in terminal blocks
CBF3-2.0m clear	Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent
CBF3-3.0m clear	Cable 3x0.75mm² for suspended luminaire up to 3.0 meters, transparent
CBF5-2.0m clear	Cable 5x0.75mm² for suspended luminaire up to 2.0 meters, transparent
CBF5-3.0m clear	Cable 5x0.75mm² for suspended luminaire up to 3.0 meters, transparent
<i>*note - for suspended luminaires it is recommended to use one of CBF option for easier mounting</i>	
L	for in-line connection end/first luminaire
LL	for in-line connection intermediate luminaire
RAL9003S	RAL 9003S colour
RAL9005S	RAL 9005S colour
RAL	RAL colour

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 2pcs of MTG SUSI KIT required*



Product: CAP cable clip D6.3mm SET clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



Product: Diffuser/panel removal tool for aluminium profile luminaires
Description: A hand tool for removing the diffuser and panel from aluminium profile series luminaires during installation



Product: CAP4, light grey/ white/ black
Description: Square FLAREsative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 3x1x1.5mm², light grey/ white/ black

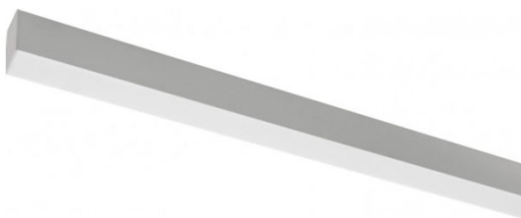


Product: CAP5, light grey/ white/ black
Description: Square FLAREsative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 5x1x1.5mm², light grey/ white/ black

Product: WALL MTG KIT - FLARES L/LP LED RAL9006S (P)
Description: Support bracket for luminaire installation onto wall. FLARES L/LP LED, 1pcs
**note - 2pcs WALL MTG KIT - elements for length up to 2000mm, 3pcs for lengths 2000 - 3000mm required*



Product: Remote Control HRC-11
Description: Remote control unit, for DALI applications
**note - remote control for PIR DALI*



FLARES S LED

Aluminum Profile Luminaires



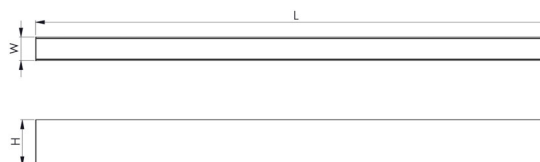
DESCRIPTION: Suspended middle profile LED luminaire for in-line connection
Light distribution type: direct
Optical system: opal polycarbonate diffuser
Housing: aluminium
Colour: light grey, RAL9006S;

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 50000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP40
Mechanical impact resistance: IK05
Glow wire test, °C: 650
Operating temperature range, °C: ta 0...+35

INSTALLATION: On the ceiling, suspended (wire, cable and cap to be ordered separately) with L/LL options is designed for in-line connection. Push-in terminal, 3x2x2.5mm2

ENVIRONMENT: Indoor

APPLICATION: Office, education, household, hotel, corridor, retail, public place



Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
FLARES S LED1x650 G384 T830 OP LO1	578	40	75	583	6,8	86,00	80+	3000	1,3
FLARES S LED1x850 G385 T830 OP LO2	578	40	75	794	9,6	83,00	80+	3000	1,3
FLARES S LED1x1150 G386 T830 OP LO3	578	40	75	1092	13,3	82,00	80+	3000	1,3
FLARES S LED1x1750 J853 T830 OP LO4	578	40	75	1638	18,9	87,00	80+	3000	1,3
FLARES S LED1x950 G387 T830 OP LO1	858	40	75	874	10,1	86,00	80+	3000	1,8
FLARES S LED1x1250 G388 T830 OP LO2	858	40	75	1192	13,6	87,00	80+	3000	1,8
FLARES S LED1x1750 G389 T830 OP LO3	858	40	75	1638	18,9	87,00	80+	3000	1,8
FLARES S LED1x2600 J854 T830 OP LO4	858	40	75	2456	28,7	86,00	80+	3000	1,8
FLARES S LED1x1250 G390 T830 OP LO1	1138	40	75	1166	12,7	92,00	80+	3000	2,4
FLARES S LED1x1700 G391 T830 OP LO2	1138	40	75	1589	17,1	93,00	80+	3000	2,4
FLARES S LED1x2300 G392 T830 OP LO3	1138	40	75	2183	24,7	88,00	80+	3000	2,4
FLARES S LED1x3450 J855 T830 OP LO4	1138	40	75	3275	38,6	85,00	80+	3000	2,4
FLARES S LED1x1550 G393 T830 OP LO1	1418	40	75	1457	15,9	92,00	80+	3000	2,9
FLARES S LED1x2100 G394 T830 OP LO2	1418	40	75	1985	21,4	93,00	80+	3000	2,9
FLARES S LED1x2900 G395 T830 OP LO3	1418	40	75	2729	30,8	89,00	80+	3000	2,9
FLARES S LED1x4300 J856 T830 OP LO4	1418	40	75	4094	47,8	86,00	80+	3000	2,9
FLARES S LED1x1850 G396 T830 OP LO1	1698	40	75	1748	18	97,00	80+	3000	3,4
FLARES S LED1x2500 G397 T830 OP LO2	1698	40	75	2383	25,2	94,00	80+	3000	3,4
FLARES S LED1x3450 G398 T830 OP LO3	1698	40	75	3275	37	89,00	80+	3000	3,4
FLARES S LED1x5150 J857 T830 OP LO4	1698	40	75	4913	56,7	87,00	80+	3000	3,4
FLARES S LED1x2150 G399 T830 OP LO1	1978	40	75	2040	21	97,00	80+	3000	4
FLARES S LED1x2950 G400 T830 OP LO2	1978	40	75	2780	29,3	95,00	80+	3000	4
FLARES S LED1x4050 G401 T830 OP LO3	1978	40	75	3821	43,2	89,00	80+	3000	4
FLARES S LED1x6450 J858 T830 OP LO4	1978	40	75	6142	70,1	88,00	80+	3000	4
FLARES S LED1x2450 G590 T830 OP LO1	2258	40	75	2332	23,5	99,00	80+	3000	4,6
FLARES S LED1x3350 G591 T830 OP LO2	2258	40	75	3177	33,6	95,00	80+	3000	4,6
FLARES S LED1x4600 G592 T830 OP LO3	2258	40	75	4367	48,7	90,00	80+	3000	4,6
FLARES S LED1x6900 J859 T830 OP LO4	2258	40	75	6551	77,3	85,00	80+	3000	4,6
FLARES S LED1x2750 G593 T830 OP LO1	2538	40	75	2623	26,4	99,00	80+	3000	5,1
FLARES S LED1x3750 G594 T830 OP LO2	2538	40	75	3574	37,7	95,00	80+	3000	5,1
FLARES S LED1x5150 G595 T830 OP LO3	2538	40	75	4913	54,8	90,00	80+	3000	5,1
FLARES S LED1x7750 J860 T830 OP LO4	2538	40	75	7370	83,2	89,00	80+	3000	5,1
FLARES S LED1x3250 G596 T830 OP LO1	2958	40	75	3060	30,9	99,00	80+	3000	6
FLARES S LED1x4400 G597 T830 OP LO2	2958	40	75	4170	44	95,00	80+	3000	6
FLARES S LED1x6050 G598 T830 OP LO3	2958	40	75	5732	64	90,00	80+	3000	6
FLARES S LED1x650 G384 T840 OP LO1	578	40	75	610	6,8	90,00	80+	4000	1,3
FLARES S LED1x850 G385 T840 OP LO2	578	40	75	832	9,6	86,00	80+	4000	1,3
FLARES S LED1x1150 G386 T840 OP LO3	578	40	75	1143	13,3	86,00	80+	4000	1,3
FLARES S LED1x1750 J853 T840 OP LO4	578	40	75	1715	18,9	91,00	80+	4000	1,3
FLARES S LED1x950 G387 T840 OP LO1	858	40	75	916	10,1	90,00	80+	4000	1,8
FLARES S LED1x1250 G388 T840 OP LO2	858	40	75	1247	13,6	91,00	80+	4000	1,8
FLARES S LED1x1750 G389 T840 OP LO3	858	40	75	1715	18,9	91,00	80+	4000	1,8
FLARES S LED1x2600 J854 T840 OP LO4	858	40	75	2572	28,7	90,00	80+	4000	1,8
FLARES S LED1x1250 G390 T840 OP LO1	1138	40	75	1220	12,7	96,00	80+	4000	2,4
FLARES S LED1x1700 G391 T840 OP LO2	1138	40	75	1663	17,1	97,00	80+	4000	2,4
FLARES S LED1x2300 G392 T840 OP LO3	1138	40	75	2286	24,7	93,00	80+	4000	2,4
FLARES S LED1x3450 J855 T840 OP LO4	1138	40	75	3430	38,6	89,00	80+	4000	2,4
FLARES S LED1x1550 G393 T840 OP LO1	1418	40	75	1526	15,9	96,00	80+	4000	2,9
FLARES S LED1x2100 G394 T840 OP LO2	1418	40	75	2079	21,4	97,00	80+	4000	2,9
FLARES S LED1x2900 G395 T840 OP LO3	1418	40	75	2858	30,8	93,00	80+	4000	2,9

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
FLARES S LED1x4300 J856 T840 OP LO4	1418	40	75	4287	47,8	90,00	80+	4000	2,9
FLARES S LED1x1850 G396 T840 OP LO1	1698	40	75	1831	18	102,00	80+	4000	3,4
FLARES S LED1x2500 G397 T840 OP LO2	1698	40	75	2495	25,2	99,00	80+	4000	3,4
FLARES S LED1x3450 G398 T840 OP LO3	1698	40	75	3430	37	93,00	80+	4000	3,4
FLARES S LED1x1510 J857 T840 OP LO4	1698	40	75	5144	56,7	91,00	80+	4000	3,4
FLARES S LED1x2150 G399 T840 OP LO1	1978	40	75	2136	21	102,00	80+	4000	4
FLARES S LED1x2950 G400 T840 OP LO2	1978	40	75	2911	29,3	99,00	80+	4000	4
FLARES S LED1x4050 G401 T840 OP LO3	1978	40	75	4001	43,2	93,00	80+	4000	4
FLARES S LED1x6450 J858 T840 OP LO4	1978	40	75	6430	70,1	92,00	80+	4000	4
FLARES S LED1x2450 G590 T840 OP LO1	2258	40	75	2441	23,5	104,00	80+	4000	4,6
FLARES S LED1x3350 G591 T840 OP LO2	2258	40	75	3326	33,6	99,00	80+	4000	4,6
FLARES S LED1x4600 G592 T840 OP LO3	2258	40	75	4573	48,7	94,00	80+	4000	4,6
FLARES S LED1x6900 J859 T840 OP LO4	2258	40	75	6859	77,3	89,00	80+	4000	4,6
FLARES S LED1x2750 G593 T840 OP LO1	2538	40	75	2746	26,4	104,00	80+	4000	5,1
FLARES S LED1x3750 G594 T840 OP LO2	2538	40	75	3742	37,7	99,00	80+	4000	5,1
FLARES S LED1x5150 G595 T840 OP LO3	2538	40	75	5144	54,8	94,00	80+	4000	5,1
FLARES S LED1x7750 J860 T840 OP LO4	2538	40	75	7716	83,2	93,00	80+	4000	5,1
FLARES S LED1x3250 G596 T840 OP LO1	2958	40	75	3204	30,9	104,00	80+	4000	6
FLARES S LED1x4400 G597 T840 OP LO2	2958	40	75	4366	44	99,00	80+	4000	6
FLARES S LED1x6050 G598 T840 OP LO3	2958	40	75	6001	64	94,00	80+	4000	6

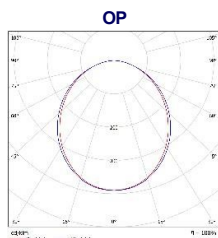
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. Manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

*Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.

AVAILABLE OPTIONS:

T830	Colour temperature 3000K, CRI 80+
T840	Colour temperature 4000K, CRI 80+
OP	Opal diffuser with high light transmittance
LO1	Light output level 1
LO2	Light output level 2
LO3	Light output level 3
LO4	Light output level 4
DALI	Driver with DALI interface and switch-control dimming
<i>*note - for DALI LIN option wires are 2x0.5mm²</i>	
BLT	Integrated wireless control unit and driver for lighting control via mobile device (via Bluetooth)
PULL	Pull switch device, on/off
PULLDIM	Pull switch device and driver with switch-control dimming
<i>*note - For PULL and PULLDIM option luminaire housing is 40mm longer and switch is positioned at the end of luminaire</i>	
EM3	Emergency version 3 hours
EM3B	Emergency version 3 hours (best available technology)
EM3A	Emergency version equipped with an autonomous testing system, 3 hours
EM3D	Emergency version 3 hours with DALI interface
<i>*note - EM options applicable for models longer than 1000mm</i>	

1LIN	Through wiring single phase d=1.5 mm ² with two push-in terminal blocks
2LIN	Through wiring two phases d=1.5 mm ² with two push-in terminal blocks
3LIN	Through wiring three phases d=1.5 mm ² with two push-in terminal blocks
<i>*note - LIN options applicable for models longer than 800mm</i>	
2G	Strain relief for power supply cable, 2pcs
CBF3-2.0m clear	Cable 3x0.75mm ² for suspended luminaire up to 2.0 meters, transparent
L	for in-line connection end/first luminaire (lengths: 569/ 849/ 1129/ 1409/ 1689/ 1969/ 2249/ 2529/ 2949mm)
LL	for in-line connection intermediate luminaire (lengths: 563/ 843/ 1123/ 1403/ 1683/ 1963/ 2243/ 2523/ 2943mm)
<i>*note - for L and LL models 3LIN option applicable for models longer than 800mm</i>	
SUS	Suspended version
<i>*note - for suspended luminaires it is recommended to use one of CBF option for easier mounting</i>	
RAL	RAL colour



AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 2pcs MTG SUSI KIT for length up to 2000mm*



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



Product: WALL MTG KIT - Decor S LED RAL9006S
Description: Support bracket for Decor S LED luminaire installation onto the wall, 1pcs
**note - 2pcs WALL MTG KIT for length up to 2000mm*



Product: CAP4, light grey/ white/ black
Description: Square decorative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 3x1x1.5mm², light grey/ white/ black



Product: CAP cable clip D6.3mm SET clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm



Product: CAP5, light grey/ white/ black
Description: Square decorative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 5x1x1.5mm², light grey/ white/ black



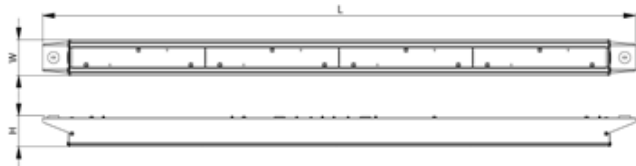
Product: Panel removal tool
Description: A pair of Serpens S / Decor S panel removal tools for neat panel removal during installation

GLIMMER Z LED

Continuous Line and Batten Luminares



DESCRIPTION:	Mounted across cable trays batten LED luminaire Light distribution type: direct Optical system: lenses Housing: zinc coated steel Colour: light grey
GENERAL DATA:	Mains voltage: 220-240V, 0/50-60Hz LED lifetime, h: 100000/L80B10 SDCM: 3 Protection class IEC: I Ingress protection code: IP23 Mechanical impact resistance: IK07 Operating temperature range, °C: ta 0...+40
INSTALLATION:	Across cable trays (adjustable mounting brackets included). Push-in terminal, 5x2x2.5mm ²
ENVIRONMENT:	Indoor
APPLICATION:	Retail, hall, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
GLIMMER Z LED 1x5550 G634 T840 L75 HSB	1606-2446	75	80	5523	30,0	184	80+	4000	4,4
GLIMMER Z LED 1x6600 G635 T840 L75 HSB	1606-2446	75	80	6567	35,9	183	80+	4000	4,4
GLIMMER Z LED 1x7600 G636 T840 L75 HSB	1606-2446	75	80	7554	41,6	181	80+	4000	4,4
GLIMMER Z LED 1x6950 G637 T840 L75 HSB	1906-2746	75	80	6904	36,7	188	80+	4000	4,6
GLIMMER Z LED 1x8250 G638 T840 L75 HSB	1906-2746	75	80	8209	44,4	185	80+	4000	4,6
GLIMMER Z LED 1x9450 G639 T840 L75 HSB	1906-2746	75	80	9442	51,5	183	80+	4000	4,6
GLIMMER Z LED 1x11050 G640 T840 L75 HSB	2746-3586	75	80	11046	58,1	190	80+	4000	5,0
GLIMMER Z LED 1x13150 G641 T840 L75 HSB	2746-3586	75	80	13134	70,3	187	80+	4000	5,0
GLIMMER Z LED 1x15150 G642 T840 L75 HSB	2746-3586	75	80	15108	82,4	183	80+	4000	5,0
GLIMMER Z LED 1x13850 G643 T840 L75 HSB	3260-4100	75	80	13808	72,7	190	80+	4000	5,4
GLIMMER Z LED 1x16450 G644 T840 L75 HSB	3260-4100	75	80	16418	87,0	189	80+	4000	5,4
GLIMMER Z LED 1x18900 G645 T840 L75 HSB	3260-4100	75	80	18884	101,9	185	80+	4000	5,4

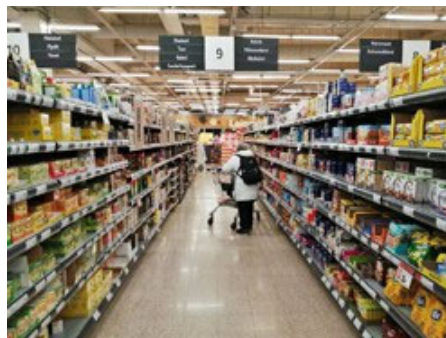
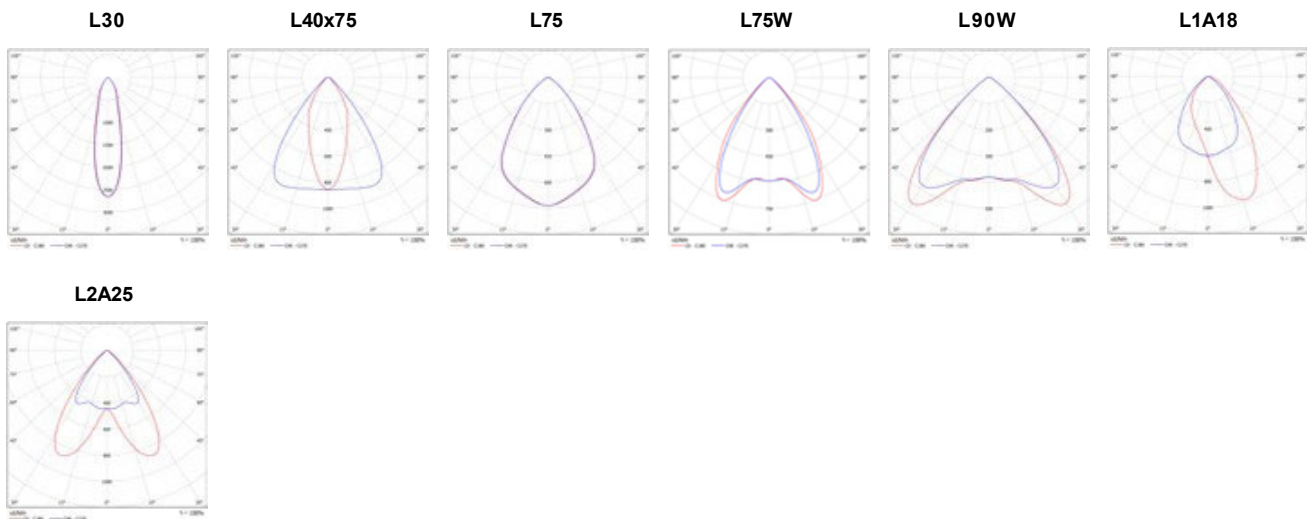
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR	EMERGENCY	CONNECTION	OTHER
T830	L30	DALI ¹	EM3 ²	L1	HSB
T840	L40x75	BLT	EM3A ²	L2	
T930	L75	KRBLT	EM3D ²	L3	
T940	L75W	KRBLT DALI		2G	
	L90W				
	L1A18				
	L2A25				

1 Minimum dimming level for models: G640; G641; G642; G643; G644; G645 is 1%. For other models - 10%

2 Operating temperature range for Luminaires with EM option, °C: ta 0... +35



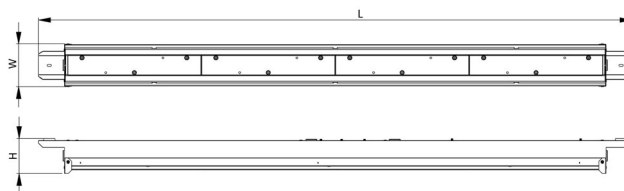


VALKA W LED

Continuous Line and Batten Luminaires



DESCRIPTION:	Suspended continuous line LED luminaire Light distribution type: direct Optical system: lenses Housing: steel Colour: white, RAL9003
GENERAL DATA:	Mains voltage: 220-240V, 0/50-60Hz LED lifetime, h: 100000/L80B10 SDCM: 3 Protection class IEC: I Ingress protection code: IP23 Mechanical impact resistance: IK07 Operating temperature range, °C: ta -10...+40/ -10...+35
INSTALLATION:	On the ceiling or suspended (suspension brackets to be ordered separately). Push-in terminal, 5x2x2.5mm ²
ENVIRONMENT:	Indoor
APPLICATION:	Retail, industry, warehouse, hall, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
VALKA W LED1x5300 G415 T840 L75	1245	90	73	5260	31,3	168	80+	4000	3,4
VALKA W LED1x7600 G416 T840 L75	1245	90	73	7554	41,6	181	80+	4000	3,4
VALKA W LED1x10500 G417 T840 L75	1245	90	73	10466	59,8	175	80+	4000	3,4
VALKA W LED1x6600 G419 T840 L75	1539	90	73	6575	38,7	170	80+	4000	4,0
VALKA W LED1x9450 G420 T840 L75	1539	90	73	9442	51,5	183	80+	4000	4,0
VALKA W LED1x13100 G421 T840 L75	1539	90	73	13082	74,8	175	80+	4000	4,0

*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Note - for models: G415, G419 - only every second LED lights up

AVAILABLE ACCESSORIES:



Product: GRID MTG KIT Blade W LED 1.2m RAL9003
Description: Protective grid for Blade W/Z LED luminaires 1.2m, white

Product: GRID MTG KIT Blade W LED 1.5m RAL9003
Description: Protective grid for Blade W/Z LED luminaires 1.5m, white



Product: Remote Control HRC-11
Description: The functionality of the sensors is controlled by a number of parameters which can be changed or programmed remote with an infrared handset

*note - remote control for HBPIR-M; HBPIR DALI-M



Product: Wire suspension BRACKETS - Blade W/Z LED
Description: Wire suspension brackets for Blade W/Z LED, galvanized steel, 2pcs



Product: Sensor HBEAIR D16/4-16m white
Description: Integrated smart sensor for high ceiling (up to 16m) with wireless communication and grouping possibilities for lighting control
 *note - remote control for HBPIR-M; HBPIR DALI-M

RAY A LED

Continuous Line and Batten Luminares



DESCRIPTION: Suspended continuous line LED luminaire
Light distribution type: direct
Optical system: lenses
Housing: steel
Colour: white, RAL9003

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 100000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP20
Mechanical impact resistance: IK05
Operating temperature range, °C: ta 0...+35/+40

INSTALLATION: Suspended linier (suspension brackets and I-join kit included with each luminaire). Through wired, 5x1.5mm², two 5-pole connectors, plug and socket

ENVIRONMENT: Indoor

APPLICATION: Retail, hall, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
RAY A LED1x3800 J163 T840 L75 LO1 L1 LL	1132	45	65	3796	21,8	174	80+	4000	3,2
RAY A LED1x5300 J164 T840 L75 LO2 L1 LL	1132	45	65	5260	31,7	166	80+	4000	3,2
RAY A LED1x5550 J165 T840 L75 LO3 L1 LL	1132	45	65	5523	30,0	184	80+	4000	3,2
RAY A LED1x6600 J166 T840 L75 LO4 L1 LL	1132	45	65	6567	35,9	183	80+	4000	3,2
RAY A LED1x7600 J167 T840 L75 LO5 L1 LL	1132	45	65	7554	41,6	182	80+	4000	3,2
RAY A LED1x4750 J168 T840 L75 LO1 L1 LL	1413	45	65	4746	27,0	176	80+	4000	3,5
RAY A LED1x6600 J169 T840 L75 LO2 L1 LL	1413	45	65	6575	38,7	170	80+	4000	3,5
RAY A LED1x6950 J170 T840 L75 LO3 L1 LL	1413	45	65	6904	36,7	188	80+	4000	3,5
RAY A LED1x8250 J171 T840 L75 LO4 L1 LL	1413	45	65	8209	44,4	185	80+	4000	3,5
RAY A LED1x9450 J172 T840 L75 LO5 L1 LL	1413	45	65	9442	51,5	183	80+	4000	3,5
RAY A LED1x9500 J173 T840 L75 LO1 L1 LL	2818	45	65	9491	51,6	184	80+	4000	5,0
RAY A LED1x13150 J174 T840 L75 LO2 L1 LL	2818	45	65	13150	75,0	175	80+	4000	5,0
RAY A LED1x13850 J175 T840 L75 LO3 L1 LL	2818	45	65	13808	72,7	190	80+	4000	5,0
RAY A LED1x16450 J176 T840 L75 LO4 L1 LL	2818	45	65	16418	87,0	189	80+	4000	5,0
RAY A LED1x18900 J177 T840 L75 LO5 L1 LL	2818	45	65	18884	101,9	185	80+	4000	5,0

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Note - for versions: LO1, LO2 - only every second LED lights up

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 2pcs MTG SUSI KIT for length up to 2000mm, 3pcs MTG SUSI KIT for lengths 2000 - 3000mm*



Product: CAP cable clip D6.3mm SET clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm



Product: BLANK RAY A LED L1132mm RAL9003
Description: Blank part kit for connecting luminaires in-line 1134mm long, 1pcs

Product: BLANK RAY A LED L1413mm RAL9003
Description: Blank part kit for connecting luminaires in-line 1415mm long, 1pcs

Product: BLANK RAY A LED L2818mm RAL9003
Description: Blank part kit for connecting luminaires in-line 2820mm long, 1pcs

**BLANK RAY A LED with Capheus B LED luminaire
Ask for special models



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



Product: END CAP RAY A LED RAL9003
Description: End cap kit for RAY A LED luminaires, 1pcs (extra)



Product: CAP4, light grey/ white/ black
Description: Square FLARE Sative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 3x1x1.5mm², light grey/ white/ black

Product: CAP5, light grey/ white/ black
Description: Square FLARE Sative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 5x1x1.5mm², light grey/ white/ black



Product: Power supply socket 1602/VCB-M-5 5x1.5-2.5mm²

Description: 5-pole socket (Stucchi - 1602/VCB-M-5) for power supply, 1pcs

**note - please use power supply socket for first in-line luminaire connection to power source*

OPTIONS AVAILABLE ON REQUEST:

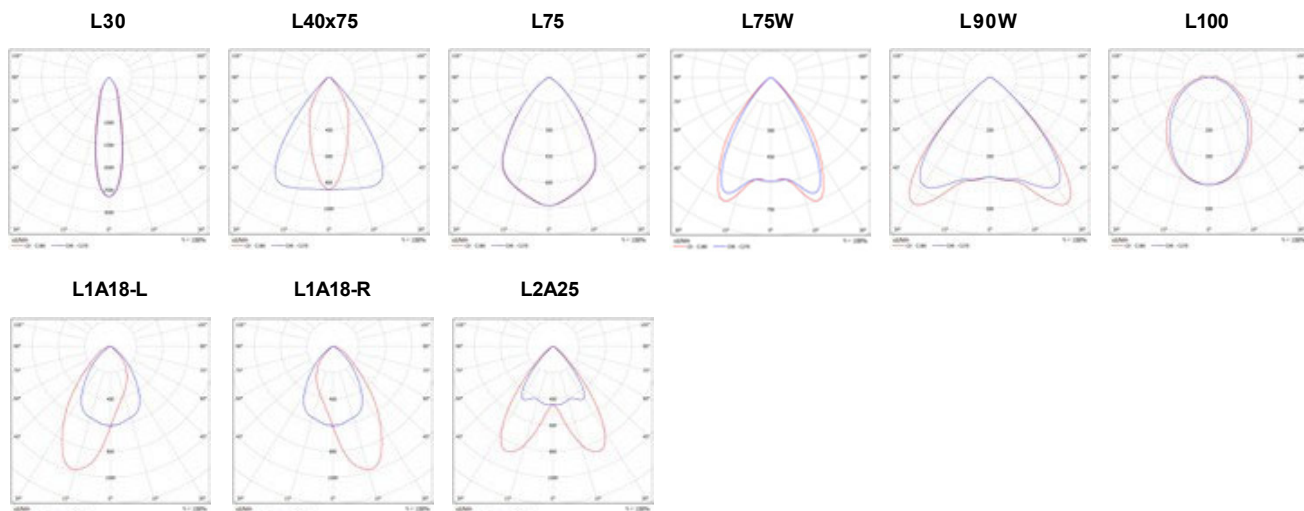
LED	REFLECTOR AND	LIGHT OUTPUT	CONTROL GEAR	EMERGENCY	CONNECTION	COLOUR
T830	L30	LO1...5	DALI 2WIE5D ¹	EM3 ²	L1	RAL
T840	L40x75		BLT	EM3A ²	L2	
T930	L75			DALI EM3D 2WIE5D ³ 4	L3	
T940	L75W					
	L90W					
	L100					
	L1A18-L					
	L1A18-R					
	L2A25					

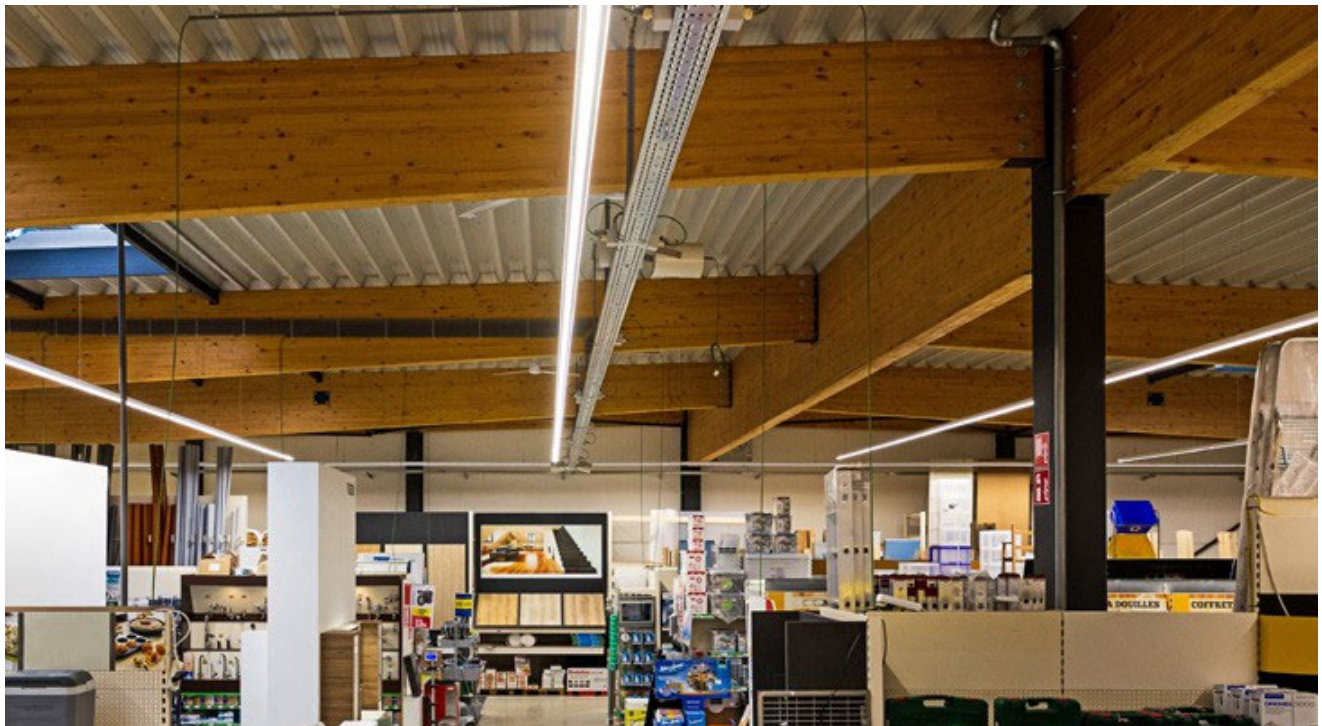
1 With 2WIE5D option luminaire is throughwired with only one phase

2 For EM option power supply L3 phase is used. Luminaire is 2LIN and control options are not compatible

3 With DALI EM3D 2WIE5D option luminaire is throughwired with only one phase. Therefore, luminaire switching on/off is only possible with DALI signal

4 Operating temperature range for Luminaires with EM option, °C: ta 0... +35





RAY A LED CORNER90

Continuous Line and Batten Luminares



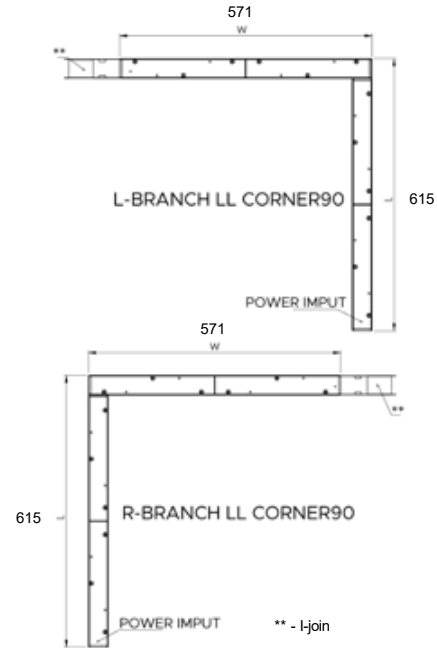
DESCRIPTION: Suspended continuous line LED luminaire
Light distribution type: direct
Optics: lenses
Housing: steel
Colour: white, RAL9003

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 100000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP20
Mechanical impact resistance: IK05
Operating temperature range, °C: ta 0...+35/+40

INSTALLATION: Suspended L-join (suspension brackets and L-join kit included with each luminaire). Through wired, 5x1.5mm², two 5-pole connectors, plug and socket

ENVIRONMENT: Indoor

APPLICATION: Retail, hall, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
RAY A LED1x3800 J183 T840 L75 LO1 L1 L-BRANCH LL CORNER90	615	571	65	3796	21,8	174	80+	4000	3,3
RAY A LED1x5300 J184 T840 L75 LO2 L1 L-BRANCH LL CORNER90	615	571	65	5260	31,7	166	80+	4000	3,3
RAY A LED1x5550 J185 T840 L75 LO3 L1 L-BRANCH LL CORNER90	615	571	65	5523	30,0	184	80+	4000	3,3
RAY A LED1x6600 J186 T840 L75 LO4 L1 L-BRANCH LL CORNER90	615	571	65	6567	35,9	183	80+	4000	3,3
RAY A LED1x7600 J187 T840 L75 LO5 L1 L-BRANCH LL CORNER90	615	571	65	7554	41,6	182	80+	4000	3,3
RAY A LED1x3800 J183 T840 L75 LO1 L1 R-BRANCH LL CORNER90	615	571	65	3796	21,8	174	80+	4000	3,3
RAY A LED1x5300 J184 T840 L75 LO2 L1 R-BRANCH LL CORNER90	615	571	65	5260	31,7	166	80+	4000	3,3
RAY A LED1x5550 J185 T840 L75 LO3 L1 R-BRANCH LL CORNER90	615	571	65	5523	30,0	184	80+	4000	3,3
RAY A LED1x6600 J186 T840 L75 LO4 L1 R-BRANCH LL CORNER90	615	571	65	6567	35,9	183	80+	4000	3,3
RAY A LED1x7600 J187 T840 L75 LO5 L1 R-BRANCH LL CORNER90	615	571	65	7554	41,6	182	80+	4000	3,3

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Note - for versions: LO1, LO2 - only every second LED lights up

Note - plug is positioned at the longest end of the luminaire and socket is out at a branch. If changes to be made please discuss project with your sales manager

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 2pcs MTG SUSI KIT for length up to 2000mm, 3pcs MTG SUSI KIT for lengths 2000 - 3000mm*



Product: CAP cable clip D6.3mm SET clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm



Product: BLANK RAY A LED L-BRANCH CORNER90 RAL9003
Description: Blank part kit for connecting luminaires in-line "L" shaped with a branch to the left, 1pcs

Product: BLANK RAY A LED R-BRANCH CORNER90 RAL9003
Description: Blank part kit for connecting luminaires in-line "L" shaped with a branch to the right, 1pcs



Product: Power supply socket 1602/VCB-M-5 5x1.5-2.5mm²
Description: 5-pole socket (Stucchi - 1602/VCB-M-5) for power supply, 1pcs
**note - please use power supply socket for first in-line luminaire connection to power source*



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



Product: END CAP RAY A LED RAL9003
Description: End cap kit for RAY A LED luminaires, 1pcs (extra)



Product: CAP4, light grey/ white/ black
Description: Square FLAREsative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 3x1x1.5mm², light grey/ white/ black

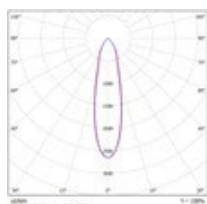
Product: CAP5, light grey/ white/ black
Description: Square FLAREsative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 5x1x1.5mm², light grey/ white/ black

OPTIONS AVAILABLE ON REQUEST:

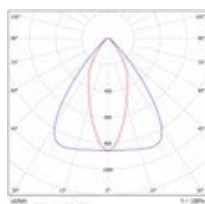
LED	REFLECTOR AND OPTICS	LIGHT OUTPUT LEVELS	CONTROL GEAR	CONNECTION	COLOUR
T830	L30	LO1...5	DALI 2WIE5D ¹	L1	RAL
T840	L40x75		BLT	L2	
T930	L75			L3	
T940	L75W				
	L90W				
	L100				
	L2A25				

¹ With 2WIE5D option luminaire is throughwired with only one phase

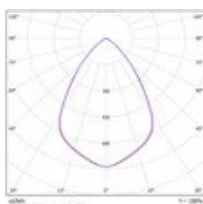
L30



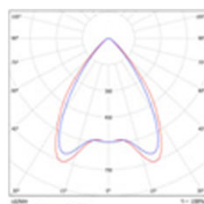
L40x75



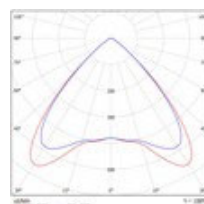
L75



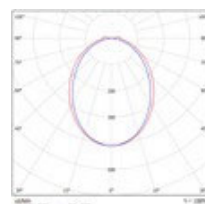
L75W



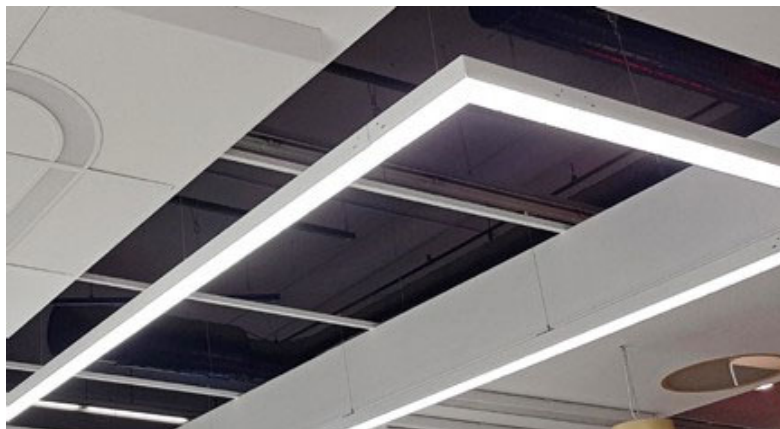
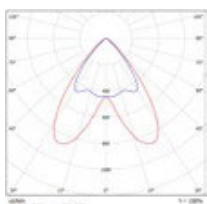
L90W



L100

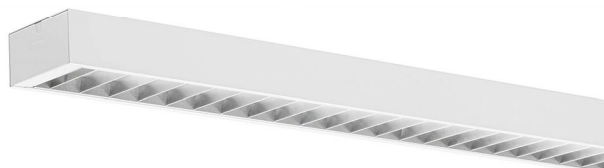


L2A25



XYRA LED

Surface Luminaire



DESCRIPTION: Surface LED luminaire
distribution type: direct
Optical system: anti glare
Housing: steel
Colour: white

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
Ingress protection code: IP20

INSTALLATION: Surface mounted in ceilings

ENVIRONMENT: Indoor

APPLICATION: Office, education, corridor, retail, public place

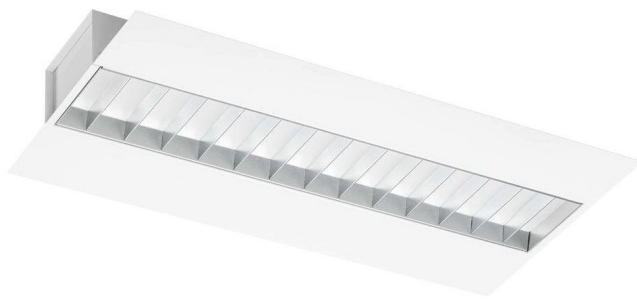
PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CCT*, K
XYRA DT L150 830 HO	1481	128	73	8190	70	117	3000
XYRA DT L150 830 DALI	1481	128	73	5500	50	110	3000
XYRA DT L150 830	1481	128	73	5500	50	110	3000
XYRA DT L120 830	1195	128	73	3570	31	115	3000
XYRA DT L150 840	1481	128	73	5500	50	110	4000
XYRA DT L150 840 HO	1481	128	73	8190	70	117	4000
XYRA DT L150 840 DALI	1481	128	73	5500	50	110	4000
XYRA DT L120 840	1195	128	73	3570	31	115	4000
XYRA DT L120 840 HO	1195	128	73	6000	54	111	4000
XYRA DT L120 840 DALI	1195	128	73	3570	31	115	4000
XYRA DT L120 830 HO	1195	128	73	6000	54	111	4000
XYRA DT L120 830 DALI	1195	128	73	3570	31	115	3000

ACCESSORIES



XYRA R LED

Recessed Luminaires



DESCRIPTION: Recessed mounted LED luminaire
Light distribution type: direct
Optical system: anti glare
Housing: steel
Colour: white

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
Ingress protection code: IP20

INSTALLATION: Recessed in ceilings

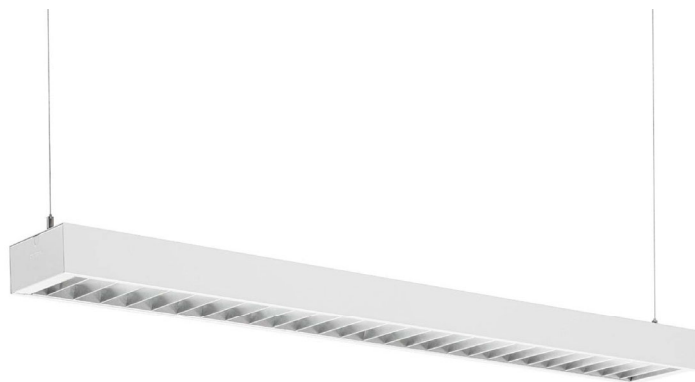
ENVIRONMENT: Indoor

APPLICATION: Office, education, corridor, retail, public place

PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CCT*, K
XYRA R INF 60x15 830 HO	595	145	73	2180	20	109	3000
XYRA R INF 60x15 840 DALI	595	145	73	1240	12	103	4000
XYRA R INF 120x30 830 DALI	1195	295	73	3570	31	115	3000
XYRA R INF 120x30 840 DALI	1195	295	73	3570	31	115	4000
XYRA R INF 60x30 830 HO	595	295	73	2180	20	109	3000
XYRA R INF 60x30 840 DALI	595	295	73	1240	12	103	4000
XYRA R INF 60x60 830 HO	595	595	73	2180	20	109	3000
XYRA R INF 60x30 830	595	295	73	1240	12	103	3000
XYRA R INF 60x30 830 DALI	595	295	73	1240	12	103	3000
XYRA R INF 120x30 830	1195	295	73	3570	31	115	3000
XYRA R INF 60x60 830	595	595	73	1240	12	103	3000
XYRA R INF 120x15 830 DALI	1195	145	73	3570	31	115	3000
XYRA R INF 120x15 840 DALI	1195	145	73	3570	31	115	4000
XYRA R INF 60x60 840 DALI	595	595	73	1240	12	103	4000
XYRA R INF 120x30 830 HO	1195	295	73	6000	54	111	3000
XYRA R INF 120x15 830 HO	1195	145	73	6000	54	111	3000
XYRA R INF 60x15 830	595	145	73	1240	12	103	3000
XYRA R INF 60x15 830 DALI	595	145	73	1240	12	103	3000
XYRA R INF 60x60 830 DALI	595	595	73	1240	12	103	3000
XYRA R INF 120x15 830	1195	145	73	3570	31	115	3000
XYRA R INF 60x60 840 HO	595	595	73	2180	20	109	4000
XYRA R INF 60x30 840	595	295	73	1240	12	103	4000
XYRA R INF 60x30 840 HO	595	295	73	2180	20	109	4000
XYRA R INF 60x60 840	595	595	73	1240	12	103	4000
XYRA R INF 120x15 840	1195	145	73	3570	31	115	4000
XYRA R INF 120x15 840 HO	1195	145	73	6000	54	111	4000
XYRA R INF 120x30 840	1195	295	73	3570	31	115	4000
XYRA R INF 120x30 840 HO	1195	295	73	6000	54	111	4000
XYRA R INF 60x15 840	595	145	73	1240	12	103	4000
XYRA R INF 60x15 840 HO	595	145	73	2180	20	109	4000

XYRA P LED

Pendant Luminaires



DESCRIPTION: Recessed mounted LED luminaire
Light distribution type: direct
Optical system: anti glare
Housing: steel
Colour: white

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
Ingress protection code: IP20
Ambien temperature: -20 - 35

INSTALLATION: Pendant

ENVIRONMENT: Indoor

APPLICATION: Office, education, corridor, retail, public place

PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CCT*, K
XYRA P L120 830 DALI	1195	128	73	3570	31	115	3000
XYRA P L120 830 HO	1195	128	73	6000	54	111	3000
XYRA P L150 830	1481	128	73	5500	50	110	3000
XYRA P L120 830	1195	128	73	3570	31	115	3000
XYRA P L150 830 HO	1481	128	73	8190	70	117	3000
XYRA P L150 830 DALI	1481	128	73	5500	50	110	3000
XYRA P L120 840	1195	128	73	3570	31	115	4000
XYRA P L120 840 HO	1195	128	73	6000	54	111	4000
XYRA P L120 840 DALI	1195	128	73	3570	31	115	4000
XYRA P L150 840	1481	128	73	5500	50	110	4000
XYRA P L150 840 HO	1481	128	73	8190	70	117	4000
XYRA P L150 840 DALI	1481	128	73	5500	50	110	4000

ACCESSORIES



GLINT I LED

Recessed Luminaires



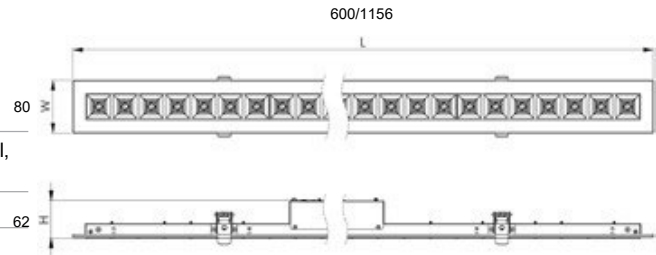
DESCRIPTION: Recessed mounted LED luminaire
Light distribution type: direct
Optical system: double parabolic reflector with lenses, low glare
Housing: steel
Colour: white, RAL9003S

GENERAL DATA: **Mains voltage:** 220-240V, 0/50-60Hz
LED lifetime, h: 100000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP40
Mechanical impact resistance: IK05
Operating temperature range, °C: ta 0...+35

INSTALLATION: In ceilings with cut-out openings. Push-in terminal, 3x2x2.5mm²

ENVIRONMENT: Indoor

APPLICATION: Office, education, corridor, retail, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	CUT-OUT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
GLINT I LED1x1500 J221 T840 WGC	600	80	62	570x70	1460	9,7	151	80+	4000	1,3
GLINT I LED1x1800 J222 T840 WGC	600	80	62	570x70	1791	11,3	158	80+	4000	1,3
GLINT I LED1x2150 J223 T840 WGC	600	80	62	570x70	2111	13,8	153	80+	4000	1,3
GLINT I LED1x2450 J224 T840 WGC	600	80	62	570x70	2433	16,3	149	80+	4000	1,3
GLINT I LED1x2950 J225 T840 WGC	1156	80	62	1128x70	2920	17,6	166	80+	4000	1,7
GLINT I LED1x3600 J226 T840 WGC	1156	80	62	1128x70	3583	21,9	164	80+	4000	1,7
GLINT I LED1x4250 J227 T840 WGC	1156	80	62	1128x70	4223	26,1	162	80+	4000	1,7
GLINT I LED1x4900 J228 T840 WGC	1156	80	62	1128x70	4867	30,8	158	80+	4000	1,7
GLINT I LED1x1350 J221 T840 BGC	600	80	62	570x70	1348	9,7	139	80+	4000	1,3
GLINT I LED1x1700 J222 T840 BGC	600	80	62	570x70	1654	11,3	146	80+	4000	1,3
GLINT I LED1x1950 J223 T840 BGC	600	80	62	570x70	1949	13,8	141	80+	4000	1,3
GLINT I LED1x2250 J224 T840 BGC	600	80	62	570x70	2246	16,3	138	80+	4000	1,3
GLINT I LED1x2700 J225 T840 BGC	1156	80	62	1128x70	2695	17,6	153	80+	4000	1,7
GLINT I LED1x3350 J226 T840 BGC	1156	80	62	1128x70	3307	21,9	151	80+	4000	1,7
GLINT I LED1x3900 J227 T840 BGC	1156	80	62	1128x70	3898	26,1	149	80+	4000	1,7
GLINT I LED1x4500 J228 T840 BGC	1156	80	62	1128x70	4492	30,8	146	80+	4000	1,7

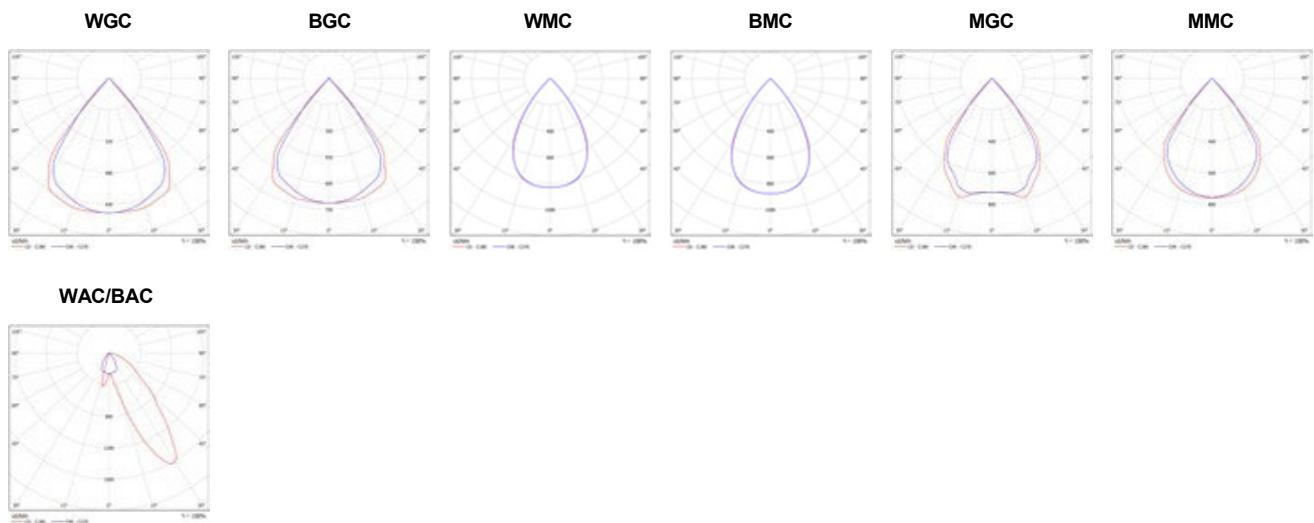
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR	EMERGENCY	CONNECTION	COLOUR
T830	WGC	DALI	EM3	WIE3	RAL
T840	BGC	EAIRB-S ^{1 2}	EM3A	WIE5	
	WMC	COR	EM3D	WIE5D	
	BMC	COR1min		2WIE3	
	MGC	COR30min		Schuko-1.5m	
	MMC			Schuko-3.0m	
	WAC/BAC				

1 Max system size 1x EAIRB-M + 3x EAIRB-S

2 Max wire length from EAIRB-M to last EAIRB-S - 11 m

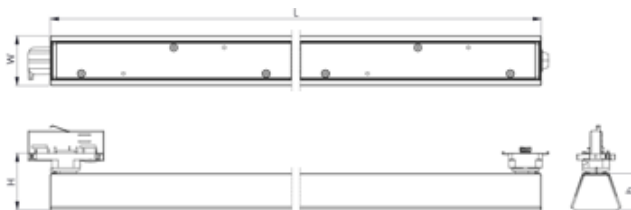


LUMO LED

Spotlights



DESCRIPTION:	Track mounted linear LED luminaire Light distribution type: direct Optical system: lenses Housing: steel Colour: white, RAL9003S; light grey, RAL7035S; black, RAL9005S
GENERAL DATA:	Mains voltage: 220-240V, 0/50-60Hz LED lifetime, h: 100000/L80B10 SDCM: 3 Protection class IEC: I Ingress protection code: IP20 Mechanical impact resistance: IK02 Operating temperature range, °C: ta 0...+35
INSTALLATION:	In 3-phase track. Track adaptor (3-phase + N) with phase selector
ENVIRONMENT:	Indoor
APPLICATION:	Retail, showroom, exhibition, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
LUMO LED1x1900 G546 T840 L75	574	59	70	1898	11,7	161	80+	4000	1,3
LUMO LED1x2800 G547 T840 L75	574	59	70	2762	15,9	157	80+	4000	1,3
LUMO LED1x3800 G548 T840 L75	574	59	70	3777	21,8	170	80+	4000	1,3
LUMO LED1x2850 G549 T840 L75	856	59	70	2847	16,9	165	80+	4000	1,7
LUMO LED1x4150 G550 T840 L75	856	59	70	4142	22,8	161	80+	4000	1,7
LUMO LED1x5700 G551 T840 L75	856	59	70	5665	31,6	176	80+	4000	1,7
LUMO LED1x3800 G552 T840 L75	1137	59	70	3796	21,8	170	80+	4000	2,1
LUMO LED1x5550 G553 T840 L75	1137	59	70	5523	29,7	163	80+	4000	2,1
LUMO LED1x7600 G554 T840 L75	1137	59	70	7554	41,2	178	80+	4000	2,1

*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Note - for models G546; G549; G552 - only every second LED lights up

OPTIONS AVAILABLE ON REQUEST:

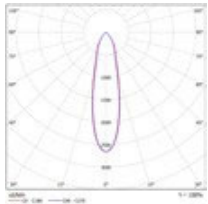
LED	REFLECTOR AND OPTICS	CONTROL GEAR	COLOUR
T830	L30	DALI ^{1 2}	RAL ³
T840	L40x75	BLT	
	L75	KRBLT	
	L75W	KRBLT DALI	
	L90W		
	L100		
	L1A18		
	L2A25		

1 Minimum dimming level for models: G546; G549 is 1%. For other models - 10%

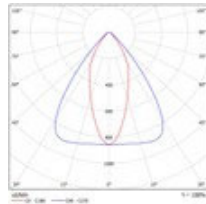
2 For this model DALI option is not compatible with switch-control dimming functionality

3 Standard tracks and adapters RAL colours: RAL9010, RAL9005, RAL7035

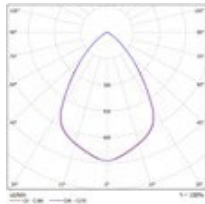
L30



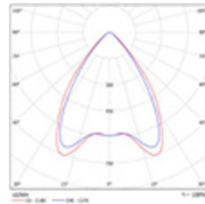
L40x75



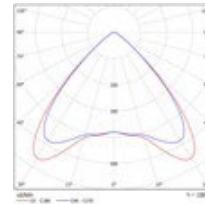
L75



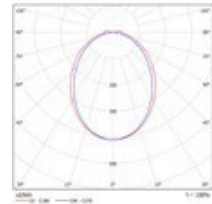
L75W



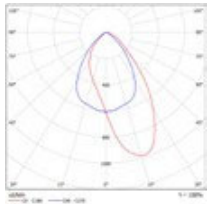
L90W



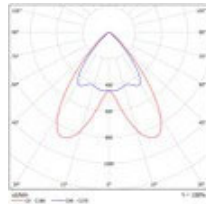
L100



L1A18



L2A25

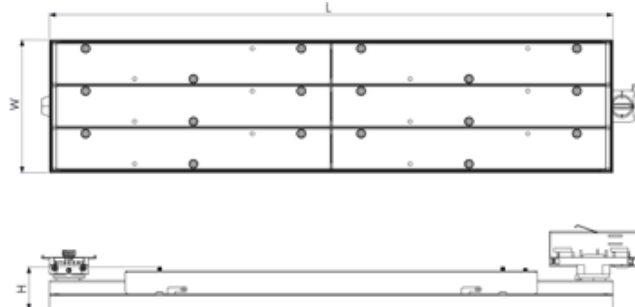


LUMO T LED

Spotlights



DESCRIPTION:	Track mounted linear LED luminaire Light distribution type: direct Optical system: lenses Housing: steel Colour: white, RAL9003S; light grey, RAL7035S; black, RAL9005S
GENERAL DATA:	Mains voltage: 220-240V, 0/50-60Hz LED lifetime, h: 100000/L80B10 SDCM: 3 Protection class IEC: I Ingress protection code: IP20 Mechanical impact resistance: IK02 Operating temperature range, °C: ta 0...+35
INSTALLATION:	In 3-phase track. Track adaptor (3-phase + N) with phase selector
ENVIRONMENT:	Indoor
APPLICATION:	Retail, showroom, exhibition, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
LED1x8300 J188 T840 L75	575	136	54	8285	44,1	188	80+	4000	2,0
LUMO T LED1x11350 J189 T840 L75	575	136	54	11331	61,8	183	80+	4000	2,0

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

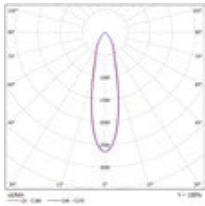
OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR	COLOUR
T830	L30	DALI ¹	RAL ²
T840	L40x75	BLT	
	L75	KRBLT	
	L75W	KRBLT DALI	
	L90W		
	L100		
	L1A18		
	L2A25		

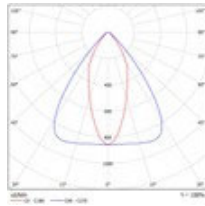
¹ For this model DALI option is not compatible with switch-control dimming functionality

² Standard tracks and adapters RAL colours: RAL9010, RAL9005, RAL7035

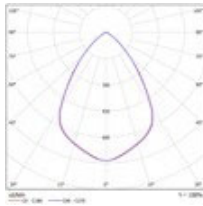
L30



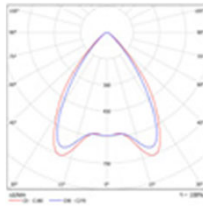
L40x75



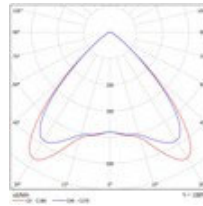
L75



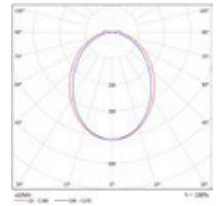
L75W



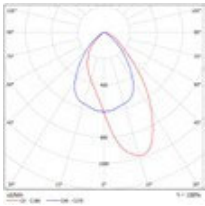
L90W



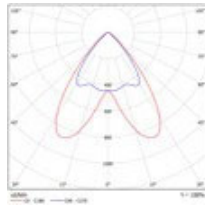
L100



L1A18



L2A25

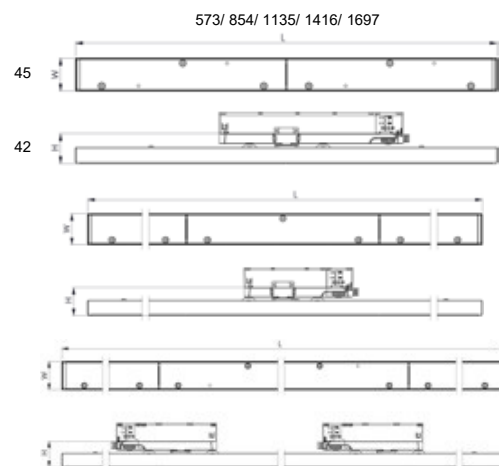


LUMO I LED

Spotlights



DESCRIPTION:	Track mounted low profile linear LED luminaire Light distribution type: direct Optical system: lenses Housing: steel Colour: white, RAL9003S; light grey, RAL7035S; black, RAL9005S
GENERAL DATA:	Mains voltage: 220-240V, 50-60Hz LED lifetime, h: 100000/L80B10 SDCM: 3 Protection class IEC: II Ingress protection code: IP20 Mechanical impact resistance: IK02 Operating temperature range, °C: ta 0...+35
INSTALLATION:	In 3-phase track. Track adaptor (3-phase + N) with phase selector
ENVIRONMENT:	Indoor
APPLICATION:	Retail, showroom, exhibition, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
LUMO I LED1x1900 J627 T840 L75	573	45	42	1898	11,3	168	80+	4000	0,8
LUMO I LED1x2250 J628 T840 L75	573	45	42	2241	13,1	171	80+	4000	0,8
LUMO I LED1x2800 J629 T840 L75	573	45	42	2761	16,3	169	80+	4000	0,8
LUMO I LED1x3300 J630 T840 L75	573	45	42	3284	19,4	169	80+	4000	0,8
LUMO I LED1x3800 J631 T840 L75	573	45	42	3777	22,5	168	80+	4000	0,8
LUMO I LED1x2850 J632 T840 L75	854	45	42	2847	17,0	167	80+	4000	1,0
LUMO I LED1x3400 J633 T840 L75	854	45	42	3362	19,6	172	80+	4000	1,0
LUMO I LED1x4150 J634 T840 L75	854	45	42	4142	24,4	170	80+	4000	1,0
LUMO I LED1x4950 J635 T840 L75	854	45	42	4925	29,2	169	80+	4000	1,0
LUMO I LED1x5700 J636 T840 L75	854	45	42	5666	33,8	168	80+	4000	1,0
LUMO I LED1x3800 J637 T840 L75	1135	45	42	3796	22,6	168	80+	4000	1,4
LUMO I LED1x4500 J638 T840 L75	1135	45	42	4483	26,1	172	80+	4000	1,4
LUMO I LED1x5550 J639 T840 L75	1135	45	42	5523	32,6	169	80+	4000	1,4
LUMO I LED1x6600 J640 T840 L75	1135	45	42	6567	38,9	169	80+	4000	1,4
LUMO I LED1x7600 J641 T840 L75	1135	45	42	7554	45,0	168	80+	4000	1,4
LUMO I LED1x4750 J642 T840 L75	1416	45	42	4745	28,3	168	80+	4000	1,7
LUMO I LED1x5650 J643 T840 L75	1416	45	42	5604	32,7	171	80+	4000	1,7

PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
LUMO I LED1x6950 J644 T840 L75	1416	45	42	6903	40,7	170	80+	4000	1,7
LUMO I LED1x8250 J645 T840 L75	1416	45	42	8209	48,6	169	80+	4000	1,7
LUMO I LED1x9450 J646 T840 L75	1416	45	42	9443	56,3	168	80+	4000	1,7
LUMO I LED1x5700 J647 T840 L75	1697	45	42	5694	33,9	168	80+	4000	1,9
LUMO I LED1x6750 J648 T840 L75	1697	45	42	6724	37,8	178	80+	4000	1,9
LUMO I LED1x8300 J649 T840 L75	1697	45	42	8284	47,7	174	80+	4000	1,9
LUMO I LED1x9900 J650 T840 L75	1697	45	42	9851	57,6	171	80+	4000	1,9
LUMO I LED1x11350 J651 T840 L75	1697	45	42	11331	67,5	168	80+	4000	1,9

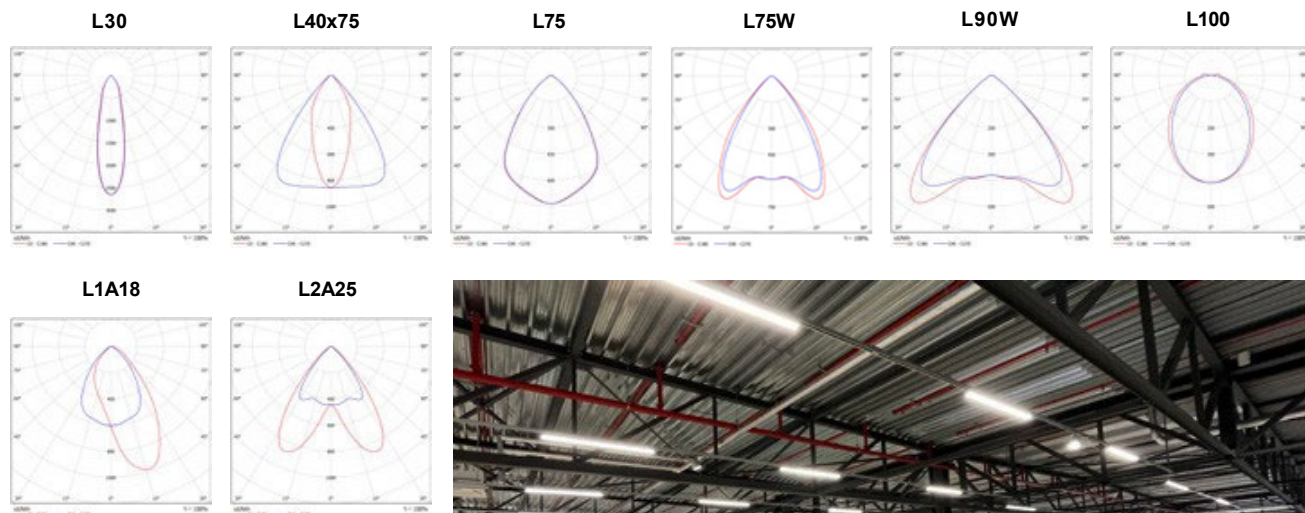
*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Note - for versions: J627; J632; J637; J642; J647 only every second LED lights up

OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR	COLOUR
T830	L30	L90W	DALI ¹ 2
T840	L40x75	L100	T ³
T930	L75	L1A18	
T940	L75W	L2A25	

- 1 DALI option in models J637...J651 uses 2 DALI addresses
- 2 For this model DALI option is not compatible with switch-control dimming functionality
- 3 T option is not applicable for models J627...J636
- 4 Standard tracks and adapters RAL colours: RAL9010, RAL9005, RAL7035



Linearlight



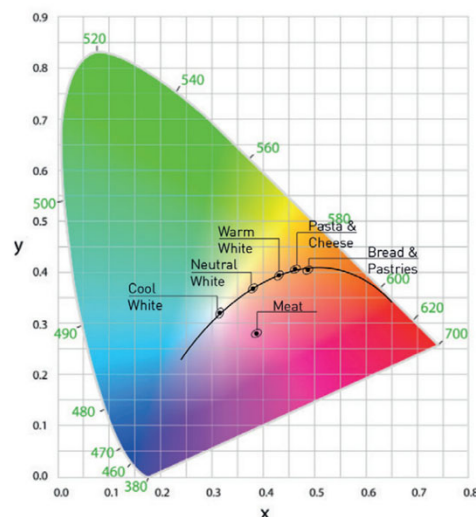
DESCRIPTION: Homogeneous light line and one continuous luminaire (without interruptions)
Light distribution type: asymmetric
Optical system: innovative lenses, depends on the installment
Housing: aluminium body, acryl cover
Colour: Black/Grey

GENERAL DATA: Mains voltage: 220-240V, 50-60Hz
LED lifetime, h: 70000/L80B10
System Efficiency: Up to 150 lm/W
Power: 4W-19W
CCT*K: Meat + 3000K -5000K
 light colours matched to specific food types (up to CRI 95)
Ingress protection code: IP54
Operating temperature range, °C: ta -20...+35
Guarantee: 5-years

INSTALLATION: tailor-made solutions for every requirement.

ENVIRONMENT: Indoor

APPLICATION: Refrigeration and shopfitting, fresh food selves



The main applications of these compact, space-saving luminaires include canopy lighting with asymmetrical radiation, single-beam shelf lighting with symmetrical 120° radiation, "invisible" door lighting with symmetrical 180° radiation to the left and right as well as counter lighting (symmetrical, 120°) and handrail lighting, which from a single luminaire perfectly sets the stage for the goods behind the glass front of the island as well as the goods inside the island.

SPECIFIC FOOD COLOURS SUPPORT THE PRESENTATION OF YOUR PRODUCTS

Different foods require specific light qualities to make them look attractive and tasty. The most important four factors are colour reproduction, colour temperature or colour point and light intensity. When it comes to food, quality and freshness are absolutely paramount – we can help you in this regard with excellent colour reproduction of CRI ≥ 90 over a broad spectrum. This renders your products' characteristic colours in an optimal and realistic way so that your products will always make a natural and fresh impression.

GREYING MEAT – AN AGGRAVATING FACTOR

In addition to the quality of the packaging and compliance with the cool chain, the quality of the light is a factor that can lead to the discolorations of food. The appearance of dry-aged meat in particular, which already has a natural greying to it, represents a big challenge in food retailing and needs different lighting solutions from fresh meat.

For this reason, we offer a specialized in sustainably improving the presentation and above all storage of all varieties of fish and meat through the use of suitable light. Numerous certificates, such as, for example, CE, ENEC, UL, propane and protection rating IP54, guarantee the high quality of your lighting solutions in this regard. Naturally, our products fulfil all standards for luminaires and refrigeration devices.



UVA light helps to sharply reduce the freshness indicator (TVBN value) and enables a much longer shelf life of meat without any visual difference

DIFFERENT PROJECTS REQUIRE DIFFERENT MEASURES

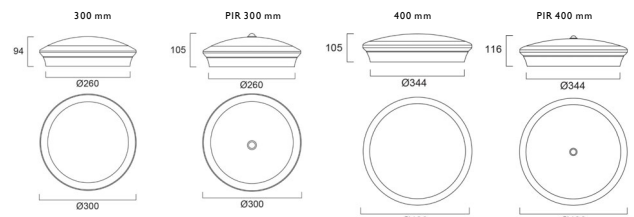
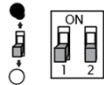
For this reason, we offer the most popular, linear lighting solutions according to your needs. If you can't find what you're looking for in our product range, we'd be pleased to offer you tailor-made. Whether lengths, optics, plugs, cables, light colours or different power levels, such as, for example, Low Energy or High Output – we'd be pleased to advise you on the optimal solution for your project and develop it together with you!

RAKKA

Resessed Luminaires



SURFACE MOUNTED ON A WALL OR CEILING
DIAMETER 300 MM: 16.5W AND 17.5W / 430 - 2000 LM
DIAMETER 400 MM: 33W, 34W AND 36W / 2200 - 4000 LM
MULTIPOWER: 4 POWERS AND LUMEN VALUE SELECTABLE WITH DIP SWITCHES
COLOR TEMPERATURE SELECTABLE WITH DIP SWITCH: 3000K/4000K
AVAILABLE: ON/OFF / PIR / MW MOTION DETECTOR
SAFETY LIGHT 3 H (ONLY 400 MM)
SPLASH WATERPROOF IP54
IMPACT RESISTANCE IK03
THE LUMINAIRE IS NON-DIMMABLE
SUITABLE FOR INSTRUMENT AND DISTRIBUTION BOX MOUNTING
BREAKING BLANKETS FOR SURFACE MOUNTING CABLES ON FOUR SIDES IN THE LUMINAIRE
THROUGHOUT FOR TWO CABLES ON THE BOTTOM, IN ONE THE THROTTLE RUBBER IS READY TO BE INSTALLED AND THE OTHER IS A BLANK TO BE DRILLED (THE SECOND GROUND RUBBER IS INCLUDED IN THE LAMP PACKAGE)
CHAINING 3 X 2.5 MM2
LIFE 120,000 H L70
WARRANTY 5 YEARS



ON/OFF-version 4000K				
I 2	Teho W	4000K lm	4000K lm	
● ●	16.5	2000		
● ○	12.5	1500		
○ ●	8.3	1000		
○ ○	5	500		
● ●	33		4000	
● ○	29		3500	
○ ●	25		3000	
○ ○	21		2500	

MW-movement detector 4000K				
I 2	Teho W	4000K lm	4000K lm	
● ●	17.5	2000		
● ○	13.5	1500		
○ ●	9.3	1000		
○ ○	6	500		
● ●	34		4000	
● ○	30		3500	
○ ●	26		3000	
○ ○	22		2500	

PIR-detector 4000K				
I 2	Teho W	4000K lm	4000K lm	
● ●	17.5	1800		
● ○	13.5	1400		
○ ●	9.3	890		
○ ○	6	450		
● ●	34		3550	
● ○	30		3000	
○ ●	26		2700	
○ ○	22		2300	

Safetylight 3000K/4000K				
I 2	Teho W	3000K lm	4000K lm	
● ●	36	3750	4000	
● ○	32	3250	3500	
○ ●	28	2800	3000	
○ ○	24	2350	2500	

PRODUCT	SYSTEM POWER*, W	LUMINAIRE OUTPUT*, lm	SYSTEM EFFICACY*, lm/W	CCT*, K
Rakka 300 5-16,5W 500-2000lm 3000K/4000K IP54 Multipower valkoinen	5-16,5W	2000	120	3000/4000
Rakka 300 6-17,5W 500-2000lm 3000K/4000K IP54 Multipower MW-liiketunnistin valkoinen	6-17,5W	2000	114	3000/4000
Rakka 300 6-17,5W 450-1800lm 3000K/4000K IP54 Multipower PIR valkoinen	6-17,5W	1800	103	3000/4000
Rakka 400 21-33W 2500-4000lm 3000K/4000K IP54 Multipower valkoinen	21-33W	4000	120	3000/4000
Rakka 400 22-34W 2500-4000lm 3000K/4000K IP54 Multipower MW-liiketunnistin valkoinen	22-34W	4000	118	3000/4000
Rakka 400 24-36W 4000lm 3000K/4000K IP54 Multipower 3h turvavallo valkoinen	24-36W	4000	111	3000/4000

NOVA P LED

Diffuser and Wall Luminaires



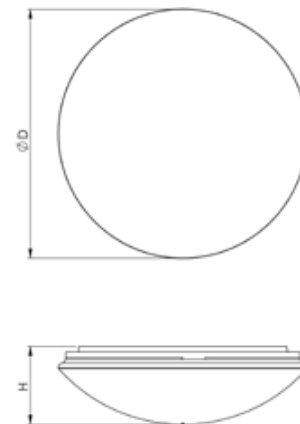
DESCRIPTION: Surface mounted LED luminaire
Light distribution type: direct Optical
system: opal PMMA diffuser
Housing: steel
Colour: white, RAL9003

GENERAL DATA: Mains voltage: 220-240V, 50-60Hz
LED lifetime, h: 50000/L70B50,
Basic version: 40000/L70B50
SDCM: 5
Protection class IEC: I
Ingress protection code: IP44
Mechanical impact resistance: IK02
Operating temperature range, °C: ta -15...+35

INSTALLATION: On the ceiling or wall. Screw terminal, 3x1.5mm2

ENVIRONMENT: Indoor

APPLICATION: Office, education, hotel, corridor, staircase, healthcare, bathroom, public place



Product (Basic version)	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
NOVA P LEDG1x1300 G600 T830	280	280	90	1244	14	89	80+	3000	0,46
NOVA P LEDG1x2000 G345 T830	360	360	105	1880	20	94	80+	3000	0,69
NOVA P LEDG1x1300 G600 T840	280	280	90	1293	14	92	80+	4000	0,46
NOVA P LEDG1x2000 G345 T840	360	360	105	2032	20	102	80+	4000	0,69

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
NOVA P LED1x1100 D515 T830	280	280	90	1020	12	85	80+	3000	0,46
NOVA P LED1x1600 D516 T830	360	360	105	1620	18	90	80+	3000	0,69
NOVA P LED1x2000 D517 T830	410	410	115	2090	22	95	80+	3000	0,9
NOVA P LED1x3000 D518 T830	410	410	115	3040	32	95	80+	3000	0,9
NOVA P LED1x4200 D995 T830	500	500	140	3850	40	96	80+	3000	1,5
NOVA P LED1x1100 D515 T840	280	280	90	1080	12	90	80+	4000	0,46
NOVA P LED1x1600 D516 T840	360	360	105	1700	18	94	80+	4000	0,69
NOVA P LED1x2000 D517 T840	410	410	115	2200	22	100	80+	4000	0,9
NOVA P LED1x3000 D518 T840	410	410	115	3200	32	100	80+	4000	0,9
NOVA P LED1x4200 D995 T840	500	500	140	4164	40	104	80+	4000	1,5
NOVA P LED1x1100 D515 T830 MW	280	280	90	1020	12	85	80+	3000	0,46
NOVA P LED1x1600 D516 T830 MW	360	360	105	1620	18	90	80+	3000	0,69
NOVA P LED1x1100 D515 T840 MW	280	280	90	1080	12	90	80+	4000	0,46
NOVA P LED1x1600 D516 T840 MW	360	360	105	1700	18	94	80+	4000	0,69
NOVA P LED1x1100 D515 T830 EM3	280	280	90	1020	12	85	80+	3000	0,6
NOVA P LED1x1600 D516 T830 EM3	360	360	105	1620	18	90	80+	3000	0,84
NOVA P LED1x1100 D515 T840 EM3	280	280	90	1080	12	90	80+	4000	0,6
NOVA P LED1x1600 D516 T840 EM3	360	360	105	1700	18	94	80+	4000	0,84

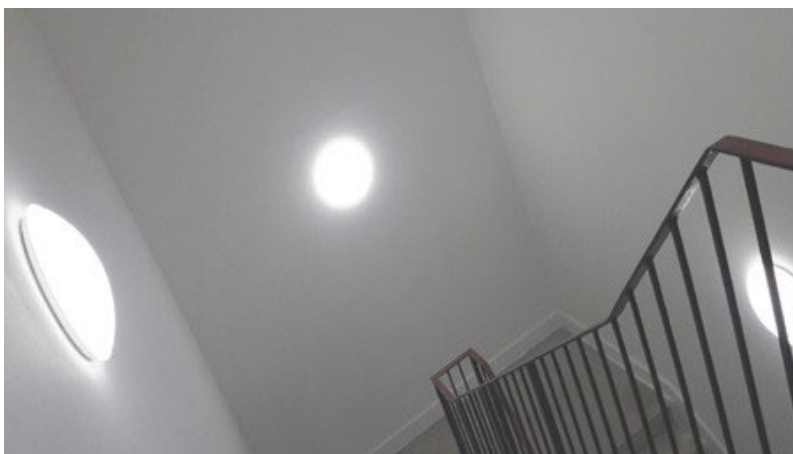
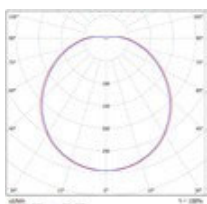
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE OPTIONS:

T830	Colour temperature 3000K, CRI 80+
T840	Colour temperature 4000K, CRI 80+
DALI	Driver with DALI interface and switch-control dimming
BLT	Integrated wireless control unit and driver for lighting control via mobile device (via Bluetooth), with integrated DALI PS
KRBLT	Integrated wireless control unit and driver for lighting control via mobile device (KR system app), on/off
KRBLT DALI	Integrated wireless control unit and driver for lighting control via mobile device (KR system app), DALI with integrated PS
eCOR MW	Driver with MW sensor and adaptive corridor function (100%/10-30%/0%)
*note - eCOR MW option not available for models: D515; D995	
COR	Driver with Corridor function (never off)
COR1min	Driver with Corridor function 1min (switch off after 1 min.)
COR30min	Driver with Corridor function 30min (switch off after 30 min.)
MW	Integrated microwave (MW) motion sensor with on-off control

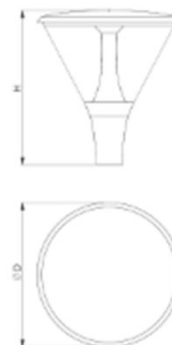
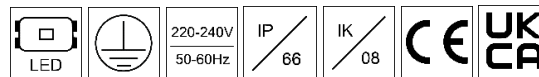
MWRFM+	Integrated microwave (MW) motion sensor with integrated RF (radio wave) transceiver. Sensor can serve as both master and slave. Functions: Staircase, Corridor, dimming control.
MW DALI2	Integrated microwave (MW) motion sensor with DALI2 controls, requires power supply
MW KRBLT	Integrated wireless microwave (MW) motion sensor with KR system app control, on-off
MW KRBLT DALI	Integrated wireless microwave (MW) motion sensor with KR system app control and DALI power supply
EM3	Emergency version 3 hours
EM3A	Emergency version equipped with an autonomous testing system, 3 hours
EM3D	Emergency version 3 hours with DALI interface
*note - Operating temperature range for Luminaires with EM option, C: ta 0...+35	

STANDARD



HELIO LED

Park and Street Luminaires



DESCRIPTION: Pole-mounted LED park luminaire
Light distribution type: direct
Optical system: lenses, polycarbonate
diffuser, impact resistant
Housing: aluminium
Colour: Light grey, RAL 9006

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 50000/L80B10
SDCM: 5
Protection class IEC: I
Ingress protection code: IP66
Mechanical impact resistance: IK08
Operating temperature range, °C: ta -25...+40

INSTALLATION: With three screws on poles Ø60mm. Push-in terminal, 3x2x2.5mm2

ENVIRONMENT: Outdoor

APPLICATION: Park, public space

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
Helio LED1x7400 J675 T830	500	500	523	6802	58,3	117	80+	3000	9
Helio LED1x9350 J708 T830	500	500	523	8649	78,1	111	80+	3000	9
Helio LED1x5300 J674 T840	500	500	523	5275	39,3	134	80+	4000	9
Helio LED1x7400 J675 T840	500	500	523	7394	58,3	127	80+	4000	9
Helio LED1x9350 J708 T840	500	500	523	9328	78,1	119	80+	4000	9

OPTIONS AVAILABLE ON REQUEST:

T830 Colour temperature 3000K, CRI 80+

T840 Colour temperature 4000K, CRI 80+

DALI Driver with DALI interface and switch-control dimming

ADIM Driver with autonomous two-level dimming

CBF3x1.5-N m Outgoing flexible cable 3x1.5mm², length according to customer specification

CBF5x1.5-N m Outgoing flexible cable 5x1.5mm², length according to customer specification

*note - please specify the length of outgoing cable before placing an order

LUXO LED



DESCRIPTION: Easy lighting upgrade inside an old fluorescent lamp
Light distribution type: direct
Optical system: lens
Housing: powder coated steel
Colour: white

GENERAL DATA: **Mains voltage:** 220-240V
Ingress protection code: IP20, -
Kelvin: 3000K, 4000K

INSTALLATION: Surface mounting

ENVIRONMENT: Indoor

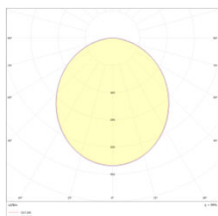
APPLICATION: Office, education, public place

ADDITIONAL INFORMATION:

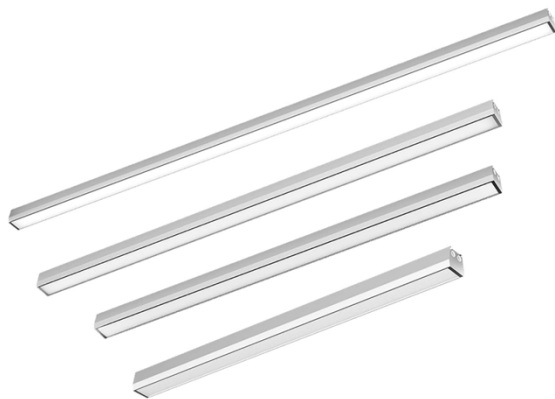
Frame and mounting plate made of white powder-coated steel sheet (RAL9016). Luminaires come with a pre-connected 3-pole connection cable. With this product it is easy to upgrade old luminaire frames to LED luminaires. Luxo is an easy-to-install, dry-room luminaire frame, especially for renovation use. It can be screwed directly to the ceiling, suspension rail or the frame of an old luminaire.

PRODUCT	SYSTEM	POWER*, W	LUMINAIRE OUTPUT*, lm	CCT*, K	DIMENSIONS, PxLxØxK/S, mm	IP
Luxo 136 4200lm 840		30	4200	4000	1145x54x39	
Luxo 236 6000lm 840		46	6000	4000	1145x54x39	
Luxo 158 5000lm 840		36	5000	4000	1425x54x39	
Luxo 258 7100lm 840		55	7100	4000	1425x54x39	
Luxo 258 7100lm 840 DALI		55	7100	4000	1425x54x39	IP20
Luxo 236 6000lm 840 DALI		46	6000	4000	1145x54x39	IP20

Length (mm) 1200, 1500
 Width (mm) 54
 High (mm) 39
 Weight (kg) 2.6



ZENO LED



Length (mm) 1200, 1500, 1800 and 2400
Width (mm) 75
High (mm) 70
Weight (kg) 3,05

DESCRIPTION: **Light distribution type:** direct
Optical system: microprism and 60 or 90 degree optics.
Housing: powder coated aluminium
Colour: white

GENERAL DATA: **Mains voltage:** 220-240V
Ingress protection code: IP44
Kelvin: 3000K, 3500K, 4000K

INSTALLATION: The luminaire can be suspended or mounted directly on the ceiling, on a track, on a horizontal wire or between tracks with an adjustable bracket (the angle can also be adjusted). Several compatible mounting accessories are available, which are attached to the luminaire without tools. The luminaire comes with a pair of surface mounting brackets

ENVIRONMENT: Indoor

APPLICATION: Office, education, public place

ADDITIONAL INFORMATION:

The luminaire is always supplied with a 2 meter connection cable (5 x 2.5mm²) and is through-wired. There are two through-holes in both ends to facilitate installation.

Luminous flux can be selected from five options using a dip switch and the color temperature from three options (3000K, 3500K or 4000K). The dip switches are conveniently accessible thanks to the magnetic end caps.

PRODUCT	SYSTEM	POWER*, W	CCT*, K	DIMENSIONS, PxLxØxK/S, mm	IK
ZENO L180 15100lm FX MP		139	3000 - 4000	1822x75x70	IK08
ZENO L240 22600lm FX MB60		144	3000 - 4000	2422x75x70	IK08
ZENO L240 19200lm FX MP		144	3000 - 4000	2422x75x70	IK08
ZENO L120 11100lm FX WB90 D		72	3000 - 4000	1222x75x70	IK08
ZENO L120 11300lm FX MB60 D		72	3000 - 4000	1222x75x70	IK08
ZENO L150 13400lm FX WB90 D		94	3000 - 4000	1522x75x70	IK08
ZENO L150 14000lm FX MB60 D		94	3000 - 4000	1522x75x70	IK08
ZENO L150 11300lm FX MP D		94	3000 - 4000	1522x75x70	IK08
ZENO L180 16100lm FX WB90 D		119	3000 - 4000	1822x75x70	IK08
ZENO L120 9600lm FX MP D		72	3000 - 4000	1222x75x70	IK08
ZENO L120 11100lm FX WB90		72	3000 - 4000	1222x75x70	IK08
ZENO L120 11300lm FX MB60		72	3000 - 4000	1222x75x70	IK08
ZENO L240 19300lm FX WB90 D		124	3000 - 4000	2422x75x70	IK08
ZENO L240 19500lm FX MB60 D		124	3000 - 4000	2422x75x70	IK08
ZENO L240 16600lm FX MP D		124	3000 - 4000	2422x75x70	IK08
ZENO L150 13400lm FX WB90		94	3000 - 4000	1522x75x70	IK08
ZENO L150 14000lm FX MB60		94	3000 - 4000	1522x75x70	IK08
ZENO L180 16900lm FX MB60 D		119	3000 - 4000	1822x75x70	IK08
ZENO L180 13200lm FX MP D		119	3000 - 4000	1822x75x70	IK08
ZENO L120 9600lm FX MP		72	3000 - 4000	1222x75x70	IK08
ZENO L240 22300lm FX WB90		144	3000 - 4000	2422x75x70	IK08
ZENO L150 11300lm FX MP		94	3000 - 4000	1522x75x70	IK08
ZENO L180 18500lm FX WB90		139	3000 - 4000	1822x75x70	IK08

KUURA LED

Downlights



DESCRIPTION: Recessed mounted LED downlight
Light distribution type: direct
Optical system: lens
Housing: polycarbonate
Colour: white RAL 9016

GENERAL DATA: **Mains voltage:** 220-240V
Ingress protection code: IP44
Dimmable: TRIAC, DALI, Plejd DIM-01
ON/OFF, 4000K

INSTALLATION: Surface mounting (requires additional riser rings)
 In ceilings with cut-out openings (mounting brackets included).
 Cut out dimensions: Ø 235, 65 mm – 204 mm, Ø 300, 120 mm – 260 mm
 Ceiling thickness 1-25 mm.

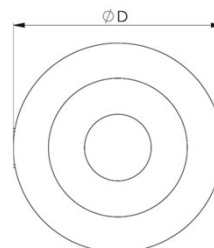
ENVIRONMENT: Indoor

APPLICATION: Office, education, hotel, corridor, bathroom, showroom, exhibition, public place

PRODUCT	DIMENSIONS, PxLxØxK/S, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	DIM	CCT*, K
KUURA 8/10/12W 830/840/857	-x-x285x22	900-1300	12	-	3000-5700
KUURA 12W 830/840/857 DIM	-x-x285x22	1300	12	DIM	3000-5700
KUURA 10/15/20W 830/840/857	-x-x-x25	1100-2300	20	-	3000-5700
KUURA 22W 830/840/857 DIM	-x-x-x25	2400	22	DIM	3000-5700
KUURA10/15/20W 830/840/857 PIR	-x-x-x25	1200-2300	20	PIR	3000-5700

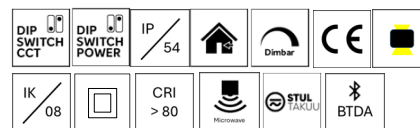
Kuura, Ø 235 mm: 8 W, 900 lm 10 W, 1100 lm 12 W, 1300 lm
 Kuura Ø 300 mm: 10 W, 1100 lm 15 W, 1650 lm 20 W, 2300 lm
 Kuura PIR Ø 300 mm: 10 W, 1200 lm 15 W, 1800 lm 20 W, 2300 lm

Dimmable (Triac), 4000 K: Kuura Ø 235 mm: 12 W / 1300 lm
 Kuura Ø 300 mm: 22 W / 2400 lm



CELESTIA LED

Downlights



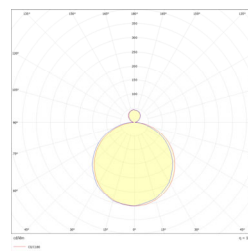
DESCRIPTION: Dimmable LED downlight Light
distribution type: direct, up and down
Optical system: lens, microprism
Housing: polycarbonate
Colour: white RAL 9016

GENERAL DATA: Mains voltage: 220-240V
Ingress protection code: IP54
Dimmable: ON / OFF, DIM (=phase cut),
RS DIM, BT RS (Bluetooth based)

INSTALLATION: On the ceiling or wall, surface mounted, pendant

ENVIRONMENT: Indoor

APPLICATION: Office, education, hotel, corridor, public place



PRODUCT	DIMENSIONS, PxLxØxK/S, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	IP	CCT*, K
CELESTIA 400 4500lm FX BTDA RS	-x-x60	2900-4500	32	IP54	3000-4000
CELESTIA 400 4500lm FX RS DIM	-x-x60	2900-4500	32	IP54	3000-4000
CELESTIA 400 4100 FX DIM	-x-x60	2600-4100	32	IP54	3000-4000

CELESTIA 400 DIM

	Lumen		DIP-Switch	
Effekt	3000K	4000K	1	2
20W	2490lm	2620lm	-	-
24W	2950lm	3110lm	ON	-
28W	3460lm	3640lm	-	ON
31W	3980lm	4100lm	ON	ON

CELESTIA 400 RS DIM

	Lumen		DIP-Switch			
Effekt	3000K	4000K	1	2	3	4
19W	2780lm	2920lm	-	-	-	-
21W	3000lm	3150lm	-	-	-	ON
22W	3220lm	3375lm	-	-	ON	-
24W	3420lm	3600lm	-	-	ON	ON
25W	3600lm	3780lm	-	ON	-	-
26W	3740lm	3940lm	-	ON	-	ON
28W	3950lm	4140lm	-	ON	ON	-
29W	4120lm	4320lm	-	ON	ON	ON
32W	4290lm	4500lm	ON	ON	ON	ON

CELESTIA 400 BTDA RS

	Lumen		DIP-Switch			
Effekt	3000K	4000K	1	2	3	4
19W	2780lm	2920lm	-	-	-	-
21W	3000lm	3150lm	-	-	-	ON
22W	3220lm	3375lm	-	-	ON	-
24W	3420lm	3600lm	-	-	ON	ON
25W	3600lm	3780lm	-	ON	-	-
26W	3740lm	3940lm	-	ON	-	ON
28W	3950lm	4140lm	-	ON	ON	-
29W	4120lm	4320lm	-	ON	ON	ON
32W	4290lm	4500lm	ON	ON	ON	ON

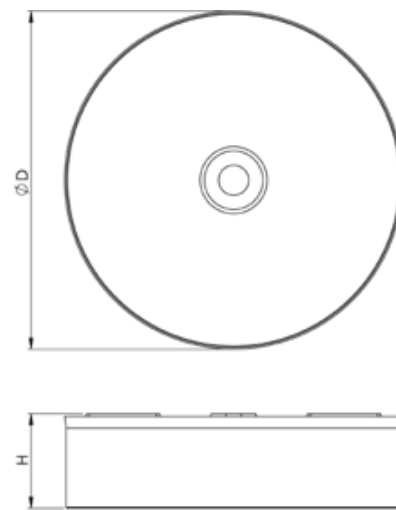


ARC S LED

Emergency Lighting



DESCRIPTION:	Surface mounted LED emergency escape luminaire Light distribution type: direct Optical system: lenses Housing: polycarbonate Colour: white; light grey; black Battery charging time: 24 hours (12 hours optional: AUT) Battery: NiCd (LiFePO4 optional: AUT), deep discharge protection
GENERAL DATA:	Mains voltage: 220-240V, 50-60Hz LED lifetime, h: 70000/L80B10 SDCM: 3 Protection class IEC: II Ingress protection code: IP65 Mechanical impact resistance: IK08 Operating temperature range, °C: ta 0...+40 (CEBLED, CLV2 ta -25...+50)
INSTALLATION:	On the ceiling or suspended (suspension bracket, wire to be ordered on request). Push-in terminal, 3x2x2.5mm²
ENVIRONMENT:	Indoor
APPLICATION:	Escape route lighting



PRODUCT	DIAMETER, mm	HEIGHT, mm	ILLUMINATION MODE	EMERGENCY OPERATING TIME, H	LUMINAIRE OUTPUT*, lm	POWER IN EMERGENCY MODE, W*	CRI	CCT*, K	WEIGHT, kg
ARC S 1HLED C379 LER IP65	202	58	NM	1	180	1	80+	6000	1,4
ARC S 3HLED C380 LER IP65	202	58	NM	3	180	1	80+	6000	1,4
ARC S 1PLED C381 LER IP65	202	58	M/NM	1	180	1	80+	6000	1,4
ARC S 3PLED C382 LER IP65	202	58	M/NM	3	180	1	80+	6000	1,4
ARC S CEBLED C383 LER IP65	202	58	CEB	x	185	1	80+	6000	1,4
ARC S 1PLED C386 LER IP65	202	58	M/NM	1	390	3	80+	6000	1,4
ARC S 3PLED C387 LER IP65	202	58	M/NM	3	390	3	80+	6000	1,5
ARC S CEBLED C388 LER IP65	202	58	CEB	x	460	3	80+	6000	1,4
ARC S 1PLED C391 LER IP65	202	58	M/NM	1	790	6	80+	6000	1,5
ARC S 3PLED C392 LER IP65	202	58	M/NM	3	790	6	80+	6000	1,8
ARC S CEBLED C393 LER IP65	202	58	CEB	x	790	6	80+	6000	1,5
ARC S CLV2 U70 LER IP65	202	58	CLV2	x	790	6	80+	6000	1,5

*M - maintained (with an option of connecting as non-maintained), NM - non-maintained, CEB maintained, system power and output indicates data in emergency mode, tolerance range for optical and electrical data: ±10%, values apply to an ambient temperature of 25°C

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 1pcs MTG SUSI KIT for luminaire*
**note - SUS option is required*

OPTIONS AVAILABLE ON REQUEST:

EMERGENCY			CONNECTION	OTHER	PROTECTION
DALI ¹	LOU	CEB	TRACK ⁵	SUS	tmin-25
LER	LOS	CLV2 ³			
LOA	TEST	EMS ⁴			
LEW	AUT ²				

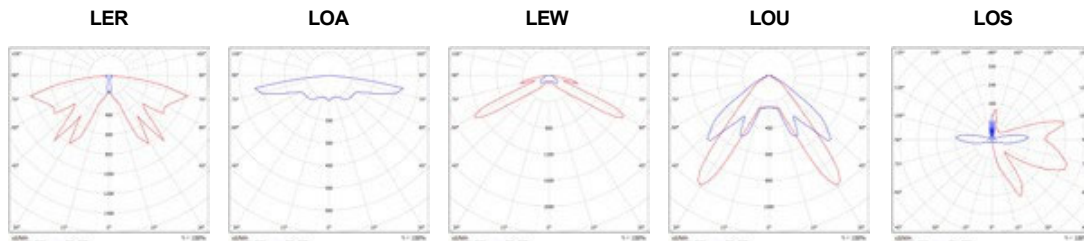
1 DALI option is applicable for models: C381, C382, C386, C387, C391, C392

2 AUT option is applicable for models: C381, C382, C386, C387, C391, C392

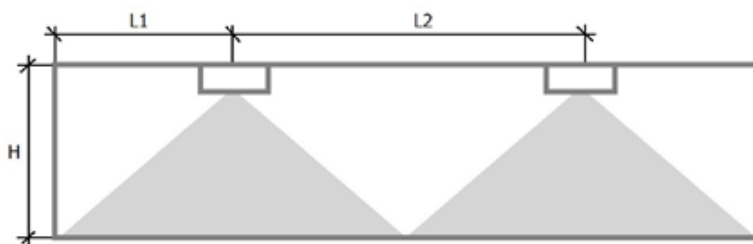
3 Only for U70 model

4 EMS option is applicable for models: C381, C382, C386, C387, C391, C392

5 Only for non-maintained operation



PHOTOMETRY OF LER / LOA



L1 - distance from the wall to the first fixture

L2 - distance between fixtures

H - height of the ceiling

LER optic for corridor route illumination:

LER - 1W/185lm min. 1lx			LER - 3W/460lm min. 1lx			LER - 6W/790lm min. 0.5lx		
H, m	L1, m	L2, m	H, m	L1, m	L2, m	H, m	L1, m	L2, m
2,5	6,0	15,0	2,5	8,0	20,0	2,5	10,0	24,5
3,0	6,5	16,0	3,0	8,5	21,5	3,0	11,0	27,0
3,5	6,5	17,0	3,5	9,0	23,0	3,5	11,5	28,5
4,0	7,0	18,0	4,0	9,5	24,5	4,0	12,0	31,5
4,5	7,5	18,5	4,5	10,0	25,5	4,5	12,5	32,5
5,0	7,0	18,0	5,0	10,0	26,5	5,0	13,0	32,5
6,0	7,0	17,0	6,0	10,5	28,0	6,0	14,0	35,5
			7,0	11,0	29,5	7,0	15,0	38,0
			8,0	11,5	30,0	8,0	15,5	40,0
			9,0	11,5	31,1	9,0	16,0	41,5
						10,0	16,5	42,0

LOA optic for open area illumination:

LOA - 1W/190lm min. 0,5lx			LOA - 3W/460lm min. 0,5lx			LOA - 6W/780lm min. 0,5lx		
H, m	L1, m	L2, m	H, m	L1, m	L2, m	H, m	L1, m	L2, m
2,5	2,5	13,5	2,5	6,0	17,0	2,5	6,5	20,0
3,0	2,5	14,0	3,0	7,0	18,0	3,0	6,5	22,5
3,5	2,5	14,5	3,5	7,5	19,5	3,5	7,0	24,0
4,0	2,0	14,5	4,0	7,5	21,0	4,0	7,5	26,5
4,5	2,0	15,0	4,5	7,0	22,5	4,5	7,5	27,5
5,0	2,0	15,0	5,0	5,5	24,0	5,0	7,0	28,5
6,0	1,5	14,5	6,0	3,0	25,0	6,0	5,5	30,5
7,0	1,0	14,0	7,0	3,0	25,5	7,0	4,5	31,0
			8,0	2,5	25,0	8,0	4,0	31,0
			9,0	2,5	24,0	9,0	4,0	31,0
			10,0	2,0	24,0	10,0	3,5	31,0

SPARK S LED

Emergency Lighting



TRACK



Supplied with universal sticker kit

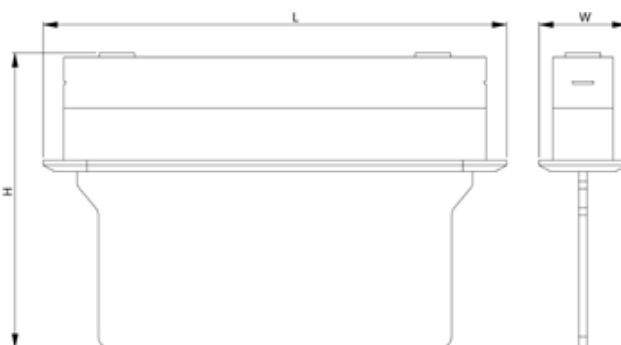
DESCRIPTION: Surface mounted double-sided LED emergency exit sign
Light distribution type: omnidirectional
Optical system: clear PMMA diffuser
Housing: polycarbonate
Colour: white; light grey; black
Battery charging time: 24 hours (12 hours optional: AUT)
Battery: NiCd (LiFePO4 optional: AUT), deep discharge protection
Recognition distance: 25 meters

GENERAL DATA: Mains voltage: 220-240V, 50-60Hz
 LED lifetime, h: 70000/L80B10
 SDCM: 3
 Protection class IEC: II
 Ingress protection code: IP44
 Mechanical impact resistance: IK02
 Operating temperature range, °C: ta 0...+40 (CEBLED ta -25...+50)

INSTALLATION: On the ceiling, wall or suspended (suspension kit to be ordered separately). Screw terminal, 3x2x2.5mm²

ENVIRONMENT: Indoor

APPLICATION: Emergency exit sign



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	ILLUMINATION MODE	EMERGENCY OPERATING TIME, H	POWER IN EMERGENCY MODE, W*	CRI	CCT*, K	WEIGHT, kg
SPARK S 3PLED C434 TEST	299	43	206	M/NM	3	1	80+	6000	1,2
SPARK S 3PLED C434 AUT	299	43	206	M/NM	3	1	80+	6000	1,2
SPARK S CEBLED C435	299	43	206	CEB	x	1	80+	6000	1,0

*M - maintained (with an option of connecting as non-maintained), NM - non-maintained, CEB maintained, system power and output indicates data in emergency mode, tolerance range for optical and electrical data: ±10%, values apply to an ambient temperature of 25°C

OPTIONS AVAILABLE ON REQUEST:

EMERGENCY	CONNECTION
TEST	TRACK ¹
AUT	
CEB	
EMS	

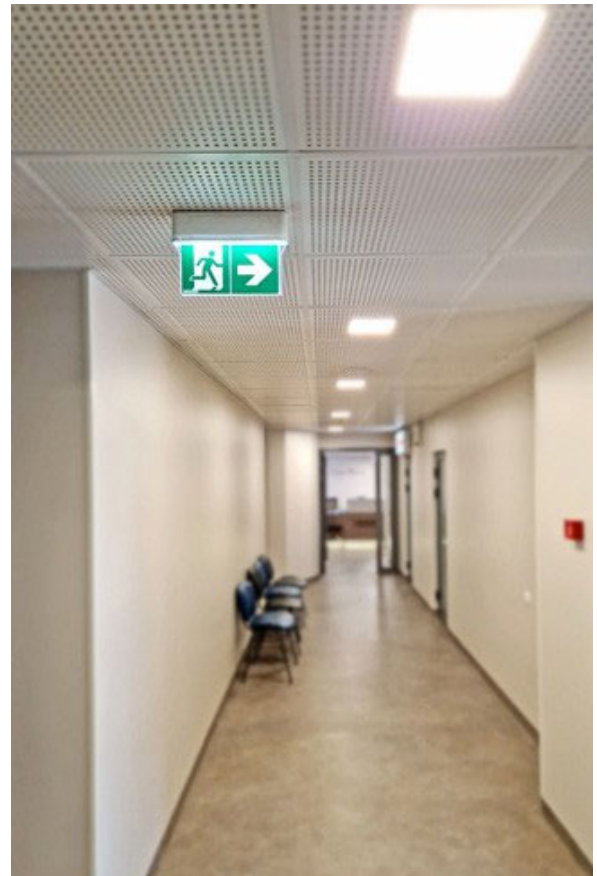
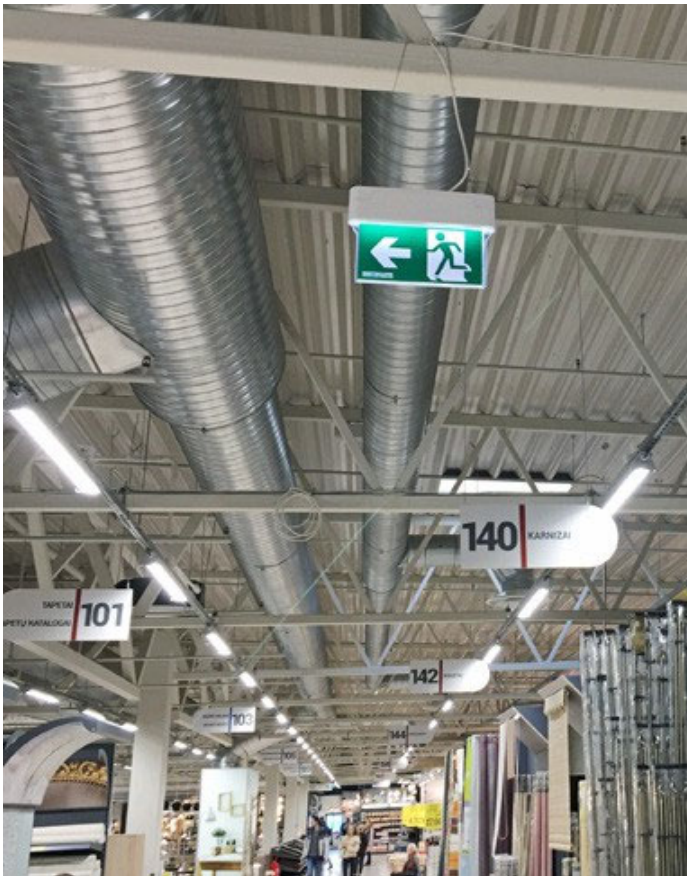
¹ Only for non-maintained operation

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT SPARK LED (B/W)
Description: Suspension wire set, 1.5m adjustable (2pcs), black/ white

Product: Suspension MTG KIT SPARK LED (B/W)
Description: Suspension wire set, 3m adjustable (2pcs), black/ white



KALLI LED

Downlights



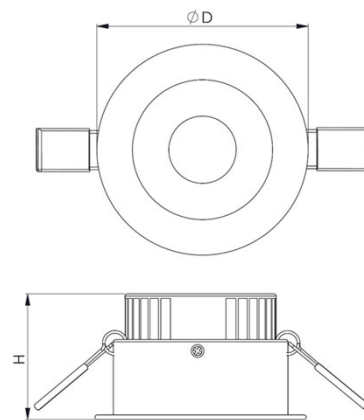
DESCRIPTION: Recessed mounted LED downlight
Light distribution type: direct
Optical system: lens, 40°
Housing: die cast aluminium
Colour: white, RAL9003

GENERAL DATA: **Mains voltage:** 220-240V, 0/50-60Hz
LED lifetime, h: 40000/L70B50
SDCM: 5
Protection class IEC: II
Ingress protection code: IP44
Mechanical impact resistance: IK04
Operating temperature range, °C: ta -10...+40

INSTALLATION: In ceilings with cut-out openings (mounting brackets included). Push-in terminal, 2x1x1.5mm²
 Cut out dimensions: Ø80mm

ENVIRONMENT: Indoor

APPLICATION: Office, education, hotel, corridor, bathroom, showroom, exhibition, public place



PRODUCT	LENGTH, mm	HEIGHT, mm	WIDTH, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
KALLI LED1x700 G683 T830 CLR	96	56	96	800	8,5	94	80+	3000	0,8
KALLI LED1x700 G683 T840 CLR	96	56	96	850	8,5	100	80+	4000	0,8

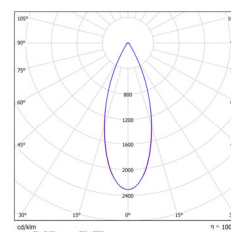
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE OPTIONS:

T830 Colour temperature 3000K, CRI 80+
 T840 Colour temperature 4000K, CRI 80+
 DALI Driver with DALI interface and switch-control dimming
 TDIM Driver with trailing-edge and leading-edge dimming
 RAL RAL colour

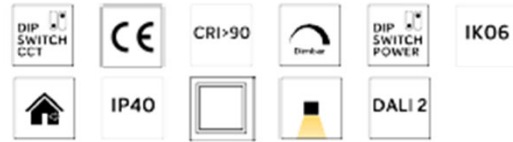
*note - price for uncommon RAL colour could be different from indicated. Ask before placing an order

STANDARD



LUMORA LED

Downlights



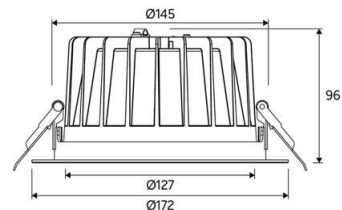
DESCRIPTION: Recessed mounted LED downlight
Light distribution type: direct
Optical system: lens, 40°
Housing: aluminium
Colour: white, RAL9003

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 100000/L70B50
SDCM: 3
Ingress protection code: IP40

INSTALLATION: In ceilings with cut-out openings
The driver includes a screw-free strain relief – no tools are needed, and a 16 mm flexible conduit can be locked in place.

ENVIRONMENT: Indoor

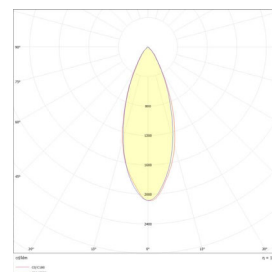
APPLICATION: Office, education, hotel, corridor, showroom, exhibition, public place, homes



PRODUCT	SYSTEM POWER*, W	CCT*, K	Beam angle (°)	DIMENSION (LxWxH/D, mm)	COLOUR	IP
Lumora L 36° 3CCT W DALI	30	3000 - 5000	36	-x-x99	White	IP54
Lumora L 36° 3CCT W DIM	30	3000 - 5000	36	-x-x99	White	IP54
Lumora M 36° 3CCT W DALI	25	3000 - 5000	36	-x-x90	White	IP54
Lumora M 36° 3CCT W DIM	25	3000 - 5000	36	-x-x90	White	IP54
Lumora S 36° TILT 3CCT W DALI	10	2700 - 4000	36	-x-x54	White	IP40
Lumora S 36° TILT 3CCT W DIM	10	2700 - 4000	36	-x-x54	White	IP40

ADDITIONAL INFORMATION:

Lumora is available in three sizes: small (S), medium (M) and large (L).
Optimal light distribution and glare control with UGR90.
The phase-dimmable version includes a 3-pole quick connector with through-wiring and a 5-pole quick connector for DALI

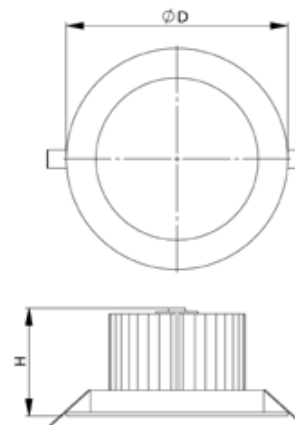


VIBE LED

Downlights



DESCRIPTION:	Recessed mounted LED downlight Light distribution type: direct Optical system: faceted aluminium reflector, 60°, low glare, clear glass diffuser / opal PMMA diffuser / translucent micro-prismatic PMMA diffuser Housing: aluminium Colour: white, RAL9016
GENERAL DATA:	Mains voltage: 220-240V, 0/50-60Hz LED lifetime, h: 60000/L80B10 SDCM: 3 Protection class IEC: II Ingress protection code: IP44 Mechanical impact resistance: IK04 Operating temperature range, °C: ta 0...+35
INSTALLATION:	In ceilings with cut-out openings (mounting brackets included). Push-in terminal, 2x1x1.5mm²
ENVIRONMENT:	Indoor
APPLICATION:	Office, education, hotel, corridor, bathroom, retail, showroom, exhibition, public place



PRODUCT	DIAMETER, mm	HEIGHT, mm	CUT-OUT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
VIBE LED1x1900 D329 T840 CLR	195	100	165	1879	13,5	139	80+	4000	0,8
VIBE LED1x2500 D330 T840 CLR	195	100	165	2553	18,7	137	80+	4000	0,8
VIBE LED1x3300 D331 T840 CLR	195	100	165	3437	26,5	130	80+	4000	0,8

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE ACCESSORIES:



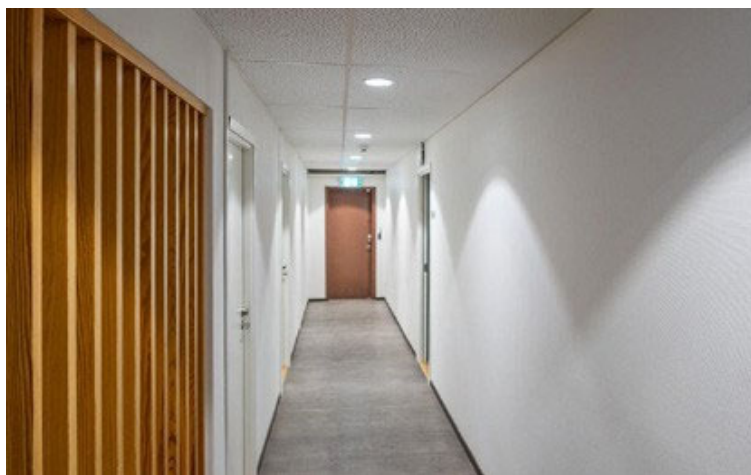
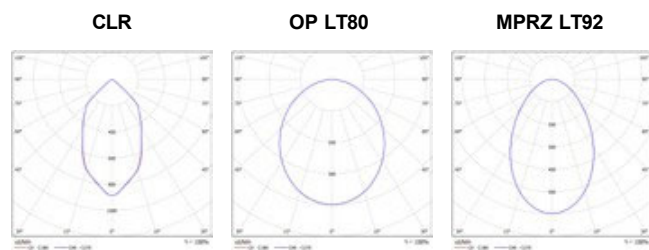
Product: VIBE LED diffuser 145mm OP LT80
Description: Opal diffuser with high light transmittance



Product: VIBE LED diffuser 145mm MPRZ LT92
Description: Translucent micro-prismatic diffuser with high light transmittance

OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR	EMERGENCY	CONNECTION	COLOUR
T830	OP LT80	DALI	EM3A	WIE3-0.5m	RAL
T840	MPRZ LT92		EM3D	WIE5D-0.5m	
T930	OP TP(a)			QBX2-0.1m	
T940				Europlug-1.5m	
T927 NATURAL				Europlug-3.0m	
T930 NATURAL					
T940 NATURAL					



VIBE P LED

Downlights



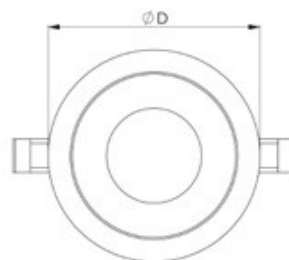
R60



R80



DESCRIPTION:	Recessed mounted LED downlight Light distribution type: direct Optical system: faceted aluminium reflector, 60° / matt aluminium reflector, 80°, opal PMMA diffuser, low glare Housing: aluminium Colour: white, RAL9016
GENERAL DATA:	Mains voltage: 220-240V, 50-60Hz LED lifetime, h: 50000/L80B10 SDCM: 5 Protection class IEC: II Ingress protection code: IP44 Mechanical impact resistance: IK04 Operating temperature range, °C: ta 0...+35
INSTALLATION:	In ceilings with cut-out openings (mounting brackets included). Push-in terminal, 2x1x1.5mm ²
ENVIRONMENT:	Indoor
APPLICATION:	Office, education, hotel, corridor, bathroom, retail, showroom, exhibition, public place



PRODUCT	DIAMETER, mm	HEIGHT, mm	CUT-OUT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
VIBE P LED1x950 J721 T830/40/57 R60	114	66	95	950	10,0	95	80+	3000/4000/5700	0,3
VIBE P LED1x1900 G986 T830/40/57 R60	174	87	147	1900	20,0	95	80+	3000/4000/5700	0,4
VIBE P LED1x2550 G987 T830/40/57 R60	232	110	200	2660	28,0	95	80+	3000/4000/5700	0,7
VIBE P LED1x3350 J722 T830/40/57 R60	232	110	200	3325	35,0	95	80+	3000/4000/5700	0,7
VIBE P LED1x1100 J723 T830/40/57 R80	114	66	95	1100	10,0	110	80+	3000/4000/5700	0,3
VIBE P LED1x2400 G986 T830/40/57 R80	174	87	147	2400	20,0	120	80+	3000/4000/5700	0,4
VIBE P LED1x3350 G987 T830/40/57 R80	232	110	200	3320	27,9	119	80+	3000/4000/5700	0,7
VIBE P LED1x4050 J724 T830/40/57 R80	232	110	200	4025	35,0	115	80+	3000/4000/5700	0,7

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

AVAILABLE ACCESSORIES:



Product: VIBE P LED 20W G986 steel cover white
Description: Surface mounting cover for VIBE P LED, white steel, 182x182x155mm*

Product: VIBE P LED 28W G987 steel cover white
Description: Surface mounting cover for VIBE P LED, white steel, 240x240x180mm*

*note - Luminaire with surface mounting cover, protection degree is IP20



Product: VIBE P LED 20W G986 steel cover black
Description: Surface mounting cover for VIBE P LED, black steel, 182x182x155mm*

Product: VIBE P LED 28W G987 steel cover black
Description: Surface mounting cover for VIBE P LED, black steel, 240x240x180mm*

*note - Luminaire with surface mounting cover, protection degree is IP20

OPTIONS AVAILABLE ON REQUEST:

CONTROL GEAR	EMERGENCY	CONNECTION	OTHER
DALI	EM3A	WIE3-0.5m	RND BLACK
	EM3D	WIE5D-0.5m	SQ WHITE
		QBX2-0.1m	SQ BLACK
		Europlug-1.5m	GLASS WHITE
		Europlug-3.0m	GLASS BLACK

LUMINAIRE FRAME OPTIONS:



Option: RND BLACK

Description: Round luminaire frame in black, with dropped down glass cover



Options: SQ WHITE / SQ BLACK

Description: Square luminaire frame in white / black



Option: GLASS WHITE

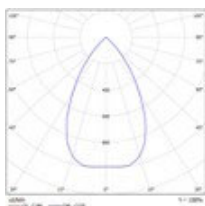
Description: Round luminaire frame in white, with dropped down glass cover



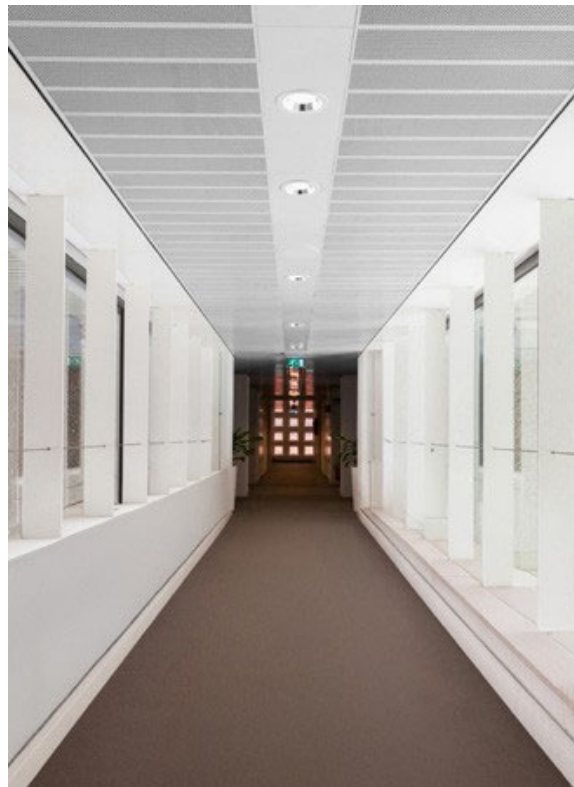
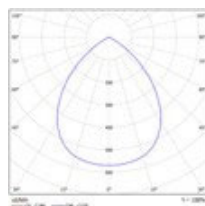
Option: GLASS BLACK

Description: Round luminaire frame in black, with dropped down glass cover

R60



R80



HALO C LED

Downlights



DESCRIPTION: Recessed mounted waterproof LED downlight

Light distribution type: direct

Optical system: faceted aluminium reflector, 50°, low glare, tempered glass diffuser, silicon rubber gasket

Housing: aluminium

Colour: white, RAL9016

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz (220-240V, 50-60Hz for model E958)

LED lifetime, h: 60000/L80B10

SDCM: 3

Protection class IEC: II

Ingress protection code: IP65

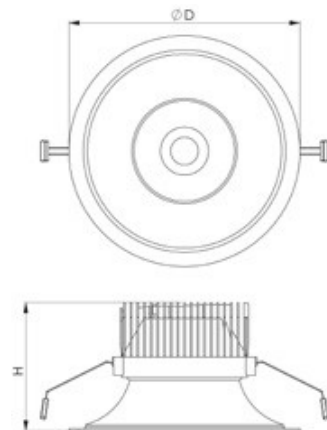
Mechanical impact resistance: IK05

Operating temperature range, °C: ta -20...+35

INSTALLATION: In ceilings with cut-out openings (mounting brackets included). Cable, 0.3m, 2x0.75mm²

ENVIRONMENT: Indoor

APPLICATION: Office, hotel, bathroom, retail, showroom, exhibition, public place



PRODUCT	DIAMETER, mm	HEIGHT, mm	CUT-OUT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
HALO C LED1x2450 E956 T840 CLR	225	90	205	2493	19,8	126	80+	4000	1,2
HALO C LED1x3200 E957 T840 CLR	225	90	205	3357	27,1	124	80+	4000	1,2
HALO C LED1x4100 J214 T840 CLR	225	90	205	4211	35,1	120	80+	4000	1,2
HALO C LED1x4600 E958 T840 CLR	225	90	205	4809	42,1	114	80+	4000	1,2

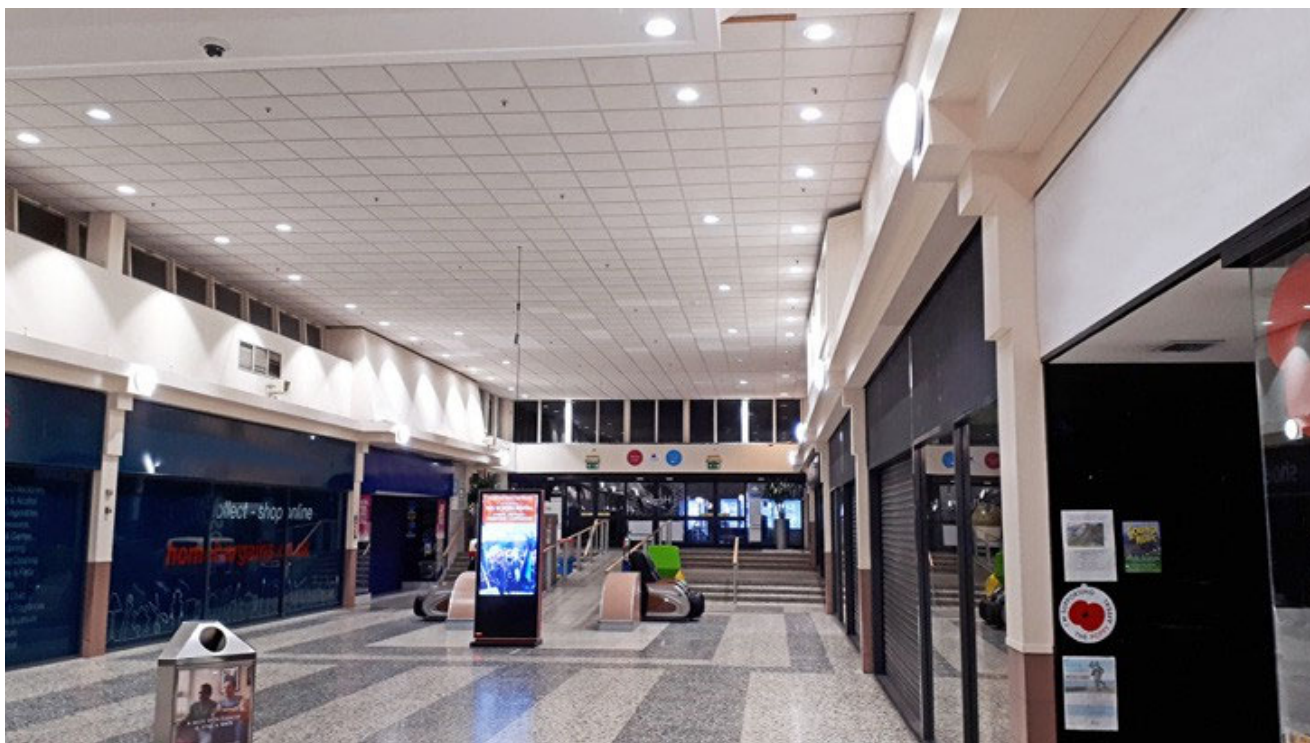
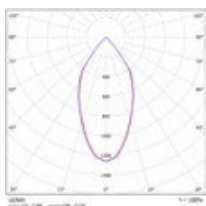
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

OPTIONS AVAILABLE ON REQUEST:

LED	CONTROL GEAR	EMERGENCY	COLOUR
T830	T930 NATURAL	DALI	EM3 ¹
T840	T940 NATURAL		EM3A ¹
T927 NATURAL			EM3D ¹

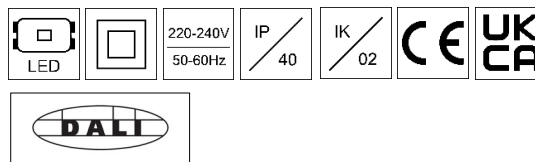
1 Operating temperature range for Luminaires with EM option, °C: ta 0... +35

STANDARD



HALLA A LED

Downlights



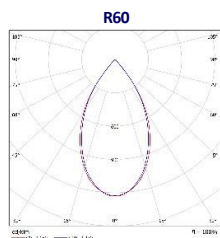
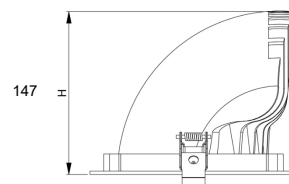
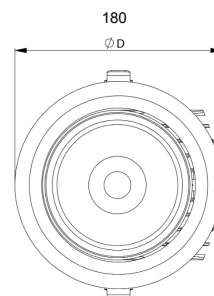
DESCRIPTION: Recessed mounted adjustable LED downlight
Light distribution type: direct
Optical system: faceted aluminium reflector, 60°, tempered glass diffuser
Housing: aluminium
Colour: white, RAL9016

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 60000/L80B10
 (T930, T940: 50000/L80B10)
SDCM: 3
Protection class IEC: II
Ingress protection code: IP40
Mechanical impact resistance: IK02
Operating temperature range, °C: ta 0...+35

INSTALLATION: In ceilings with cut-out openings (mounting brackets included). Push-in terminal, 2x1x1.5mm²

ENVIRONMENT: Indoor

APPLICATION: Retail, showroom, exhibition, public place



355° horizontal rotation and 60° tilting

AVAILABLE OPTIONS:

T830	Colour temperature 3000K, CRI 80+	T927 NATURAL	Colour temperature 2700K, CRI 95+ NATURAL
T840	Colour temperature 4000K, CRI 80+	T930 NATURAL	Colour temperature 3000K, CRI 95+ NATURAL
T930	Colour temperature 3000K, CRI 90+	NATURAL	Colour temperature 4000K, CRI 95+ NATURAL
T940	Colour temperature 4000K, CRI 90+	DALI	Driver with DALI interface and switch-control dimming
T825 BREAD	Special spectrum for bread 2500K, CRI 80+ T820 MEAT	WIE3-0.5m	3-pole "Wieland - gesis classic" type or compatible connector with 0.5m cable
T831 MEAT&WHITE	Special spectrum for meat 2000K "pink", CRI 80+	WIE5D-0.5m	5-pole DALI "Wieland - gesis classic" type or compatible connector with 0.5m cable
VEGETABLES	Special spectrum for meat products with increased white colour contrast 3100K "pink", CRI 80+ T930	Europlug-1.5m	2-pole "Europlug" type plug with 2x1.0mm ² 1.5m cable
T932 FASHION	Special spectrum for colourful products. Fruits, fashion 3000K, CRI 90+	Europlug-3.0m	2-pole "Europlug" type plug with 2x1.0mm ² 3.0m cable
T931 FASHION&WHITE	Special spectrum for fashion 3200K, CRI 90+ colour		RAL colour
	Special spectrum for fashion with dominant white colour 3100K, CRI 90		

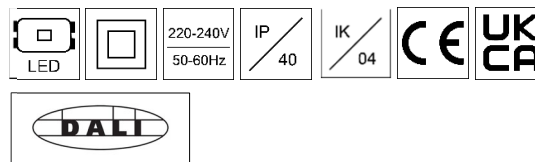
PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
HALLA A LED1x1850 E826 T830 R60	180	180	147	1757	13,5	130	80+	3000	2,5
HALLA A LED1x2450 E827 T830 R60	180	180	147	2387	18,7	128	80+	3000	2,5
HALLA A LED1x3250 D784 T830 R60	180	180	147	3214	26,5	121	80+	3000	2,5
HALLA A LED1x4150 J210 T830 R60	180	180	147	4031	35,1	115	80+	3000	2,5
HALLA A LED1x4650 D785 T830 R60	180	180	147	4604	40,2	115	80+	3000	2,5
HALLA A LED1x5050 D786 T830 R60	180	180	147	5120	46,6	110	80+	3000	2,5
HALLA A LED1x1850 E826 T840 R60	180	180	147	1857	13,5	138	80+	4000	2,5
HALLA A LED1x2450 E827 T840 R60	180	180	147	2523	18,7	135	80+	4000	2,5
HALLA A LED1x3250 D784 T840 R60	180	180	147	3397	26,5	128	80+	4000	2,5
HALLA A LED1x4150 J210 T840 R60	180	180	147	4261	35,1	121	80+	4000	2,5
HALLA A LED1x4650 D785 T840 R60	180	180	147	4867	40,2	121	80+	4000	2,5
HALLA A LED1x5050 D786 T840 R60	180	180	147	5413	46,6	116	80+	4000	2,5
HALLA A LED1x1850 E826 T930 R60	180	180	147	1489	13,3	112	90+	3000	2,5
HALLA A LED1x2450 E827 T930 R60	180	180	147	2041	18,2	112	90+	3000	2,5
HALLA A LED1x3250 D784 T930 R60	180	180	147	2773	25,8	107	90+	3000	2,5
HALLA A LED1x4150 J210 T930 R60	180	180	147	3440	35,1	98	90+	3000	2,5
HALLA A LED1x4650 D785 T930 R60	180	180	147	3929	40,2	98	90+	3000	2,5
HALLA A LED1x5050 D786 T930 R60	180	180	147	4370	46,6	94	90+	3000	2,5
HALLA A LED1x1850 E826 T940 R60	180	180	147	1569	13,3	118	90+	4000	2,5
HALLA A LED1x2450 E827 T940 R60	180	180	147	2151	18,2	118	90+	4000	2,5
HALLA A LED1x3250 D784 T940 R60	180	180	147	2923	25,8	113	90+	4000	2,5
HALLA A LED1x4150 J210 T940 R60	180	180	147	3626	35,1	103	90+	4000	2,5
HALLA A LED1x4650 D785 T940 R60	180	180	147	4141	40,2	103	90+	4000	2,5
HALLA A LED1x5050 D786 T940 R60	180	180	147	4606	46,6	99	90+	4000	2,5

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

*Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.

TEKTOR R LED

Downlights



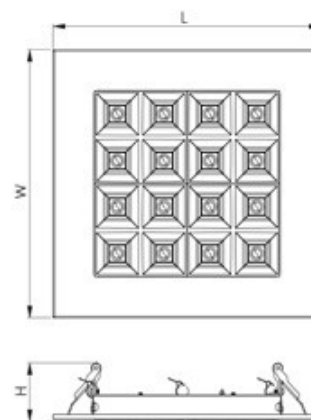
DESCRIPTION: Recessed mounted LED downlight
Light distribution type: direct
Optical system: double parabolic reflector with lenses, low glare
Housing: steel
Colour: white, RAL9016,

GENERAL DATA: Mains voltage: 220-240V, 50-60Hz
LED lifetime, h: 60000/L80B10
SDCM: 3
Protection class IEC: II
Ingress protection code: IP40
Mechanical impact resistance: IK04
Operating temperature range, °C: ta 0...+35

INSTALLATION: In ceilings with cut-out openings (mounting brackets included). Push-in terminal, 2x1x1.5mm2

ENVIRONMENT: Indoor

APPLICATION: Office, education, hotel, corridor, bathroom, retail, showroom, public place

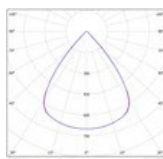


Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
TEKTOR R LED 1x850 J690 T830 WMC	130	130	37	817	6,1	134	80+	3000	0,3
TEKTOR R LED 1x1150 J691 T830 WMC	130	130	37	1063	8,1	131	80+	3000	0,3
TEKTOR R LED 1x2300 J575 T830 WMC	230	230	37	2237	14,6	153	80+	3000	0,9
TEKTOR R LED 1x2900 J576 T830 WMC	230	230	37	2772	18,3	151	80+	3000	0,9
TEKTOR R LED 1x3800 J577 T830 WMC	230	230	37	3714	26,6	140	80+	3000	0,9
TEKTOR R LED 1x850 J690 T840 WMC	130	130	37	847	6,1	139	80+	4000	0,3
TEKTOR R LED 1x1150 J691 T840 WMC	130	130	37	1102	8,1	136	80+	4000	0,3
TEKTOR R LED 1x2300 J575 T840 WMC	230	230	37	2275	15,5	147	80+	4000	0,9
TEKTOR R LED 1x2900 J576 T840 WMC	230	230	37	2646	18	147	80+	4000	0,9
TEKTOR R LED 1x3800 J577 T840 WMC	230	230	37	3777	25,6	148	80+	4000	0,9

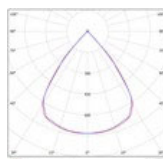
*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

- Operating temperature range for Luminaires with EM option, °C: ta 0... +35
- EM3/A/D options not available for models: J690, J691

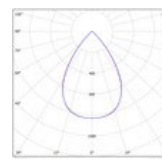
WGC



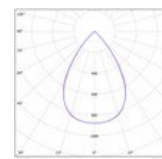
BGC



WMC



BMC



Available options:

T830 Colour temperature 3000K, CRI 80+
T840 Colour temperature 4000K, CRI 80+
WMC White matt reflector with clear lens
BMC Black matt reflector with clear lens
DALI Driver with DALI interface and switch-control dimming
EM3A Emergency version equipped with an autonomous testing system, 3 hours
EM3D Emergency version 3 hours with DALI interface

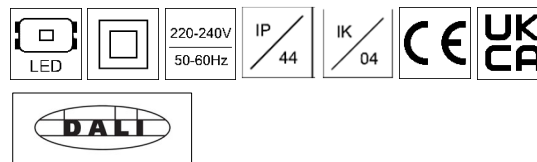
*note - Operating temperature range for Luminaires with EM option, C: ta 0... +35

*note - EM3B/A/D options not available for models: J690, J691

WIE3-0.5m 3-pole "Wieland - gesis classic" type or compatible connector with 0.5m cable
WIE5D-0.5m 5-pole DALI "Wieland - gesis classic" type or compatible connector with 0.5m cable
Europlug-1.5m 2-pole "Europlug" type plug with 2x1.0mm² 1.5m cable
Europlug-3.0m 2-pole "Europlug" type plug with 2x1.0mm² 3.0m cable
RAL RAL colour

ARCON C LED

Downlights



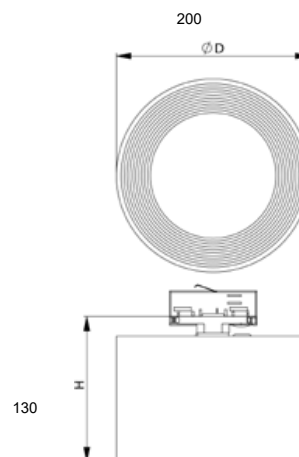
DESCRIPTION: Surface mounted LED downlight
Light distribution type: direct
Optical system: opal polycarbonate diffuser
Housing: aluminium
Colour: white, RAL9016,

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 60000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP44
Mechanical impact resistance: IK04
Operating temperature range, °C: ta 0...+35

INSTALLATION: On the ceiling. Push-in terminal, 3x2x2.5mm²

ENVIRONMENT: Indoor

APPLICATION: Office, education, hotel, corridor, bathroom, retail, showroom, exhibition, public place



Product	Length, mm	Width, mm	Height, mm	Luminaire output, lm	System power, W	System efficacy, lm/W	CRI	CCT, K	Weight, kg
ARCON C LED1x1400 D345 T830 OP	200	200	130	1261	11,8	107	80+	3000	1,0
ARCON C LED1x1900 D346 T830 OP	200	200	130	1774	16	111	80+	3000	1,0
ARCON C LED1x2600 D347 T830 OP	200	200	130	2458	23,1	107	80+	3000	1,0
ARCON C LED1x1400 D345 T840 OP	200	200	130	1321	11,8	112	80+	4000	1,0
ARCON C LED1x1900 D346 T840 OP	200	200	130	1858	16	116	80+	4000	1,0
ARCON C LED1x2600 D347 T840 OP 1G	200	200	130	2575	23,1	112	80+	4000	1,0

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Available options:

T830 Colour temperature 3000K, CRI 80+
 T840 Colour temperature 4000K, CRI 80+
 DALI Driver with DALI interface and switch-control dimming
 EM3 Emergency version 3 hours
 EM3A Emergency version equipped with an autonomous testing system, 3 hours
 EM3D Emergency version 3 hours with DALI interface SUS Suspended version
 RAL RAL colour

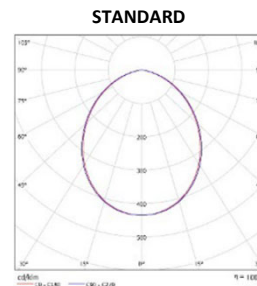


Product: Suspension MTG KIT SUSI

Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs

*note - 3pcs MTG KIT SUSI for one fitting required

*note - SUS option is required



GA EDGE B LED

Spotlights



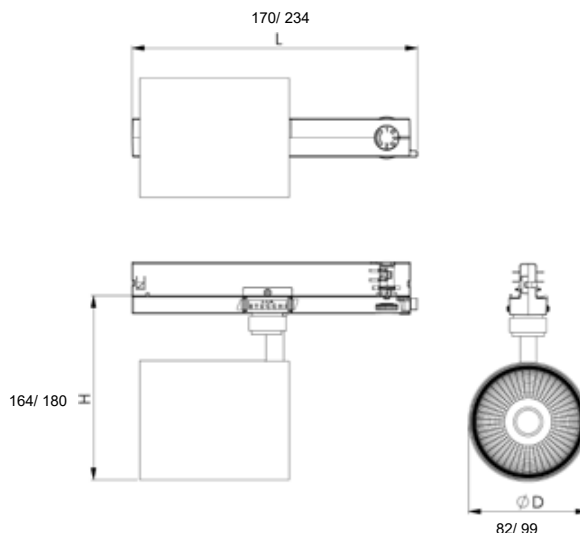
DESCRIPTION: Track mounted adjustable LED spotlight
Light distribution type: direct
Optical system: faceted aluminium reflector, clear PMMA diffuser
Housing: aluminium
Colour: white, RAL9016; black, RAL9017

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 60000/L80B10
SDCM: 3
Protection class IEC: II
Ingress protection code: IP20
Mechanical impact resistance: IK02
Operating temperature range, °C: ta 0...+35

INSTALLATION: In 3-phase track. Track adaptor (3-phase + N) with phase selector

ENVIRONMENT: Indoor

APPLICATION: Retail, showroom, museum, exhibition, public place



PRODUCT	LENGTH, mm	DIAMETER, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
GA EDGE B LED1x1900 G603 T840 R40	170	82	164	1901	13,5	141	80+	4000	0,6
GA EDGE B LED1x2500 G604 T840 R40	170	82	164	2583	18,7	138	80+	4000	0,6
GA EDGE B LED1x3350 G605 T840 R40	170	82	164	3478	26,5	131	80+	4000	0,6
GA EDGE B LED1x4250 G606 T840 R40	234	99	180	4363	34,0	128	80+	4000	1,5
GA EDGE B LED1x4750 G667 T840 R40	234	99	180	4983	39,8	125	80+	4000	1,5

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

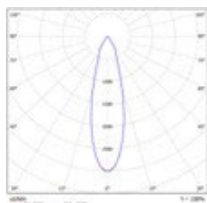
OPTIONS AVAILABLE ON REQUEST:

LED	REFLECTOR AND OPTICS	CONTROL GEAR
T830	R24	DALI ^{1 2}
T840	R40	BLT
T930	R60	KRBLT
T940		
T820 MEAT		
T831 MEAT&WHITE		
T825 BREAD		
T930 VEGETABLES		
T932 FASHION		
T931 FASHION&WHITE		
T927 NATURAL		
T930 NATURAL		
T940 NATURAL		

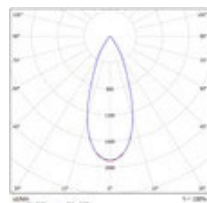
1 With DALI option, luminaire length: 260mm

2 For this model DALI option is not compatible with switch-control dimming functionality

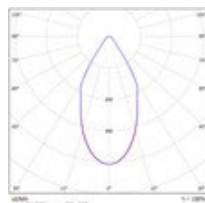
R24



R40



R60

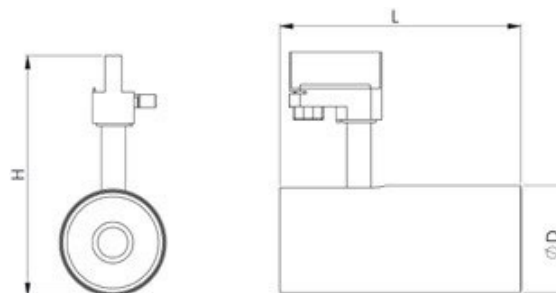


GA LUXE E LED

Spotlights



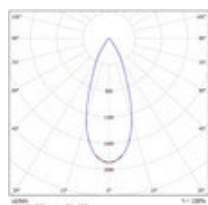
DESCRIPTION:	Track mounted adjustable LED spotlight Light distribution type: direct Optical system: faceted aluminium reflector, clear PMMA diffuser Housing: thermoplastic Colour: white, RAL9016; black, RAL9005
GENERAL DATA:	Mains voltage: 220-240V, 50-60Hz LED lifetime, h: 50000/L80B10 SDCM: 3 Protection class IEC: I Ingress protection code: IP20 Mechanical impact resistance: IK02 Operating temperature range, °C: ta 0...+35
INSTALLATION:	In 3-phase track. Track adaptor (3-phase + N) with phase selector
ENVIRONMENT:	Indoor
APPLICATION:	Retail, showroom, museum, exhibition, public place



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
GA LUXE E LED1x1750 J652 T840 R40	185	80	172	1750	17,7	99	80+	4000	0,8
GA LUXE E LED1x2500 J653 T840 R40	210	90	182	2913	28,5	102	80+	4000	1,1

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

R40



GLEAM A LED

Spotlights



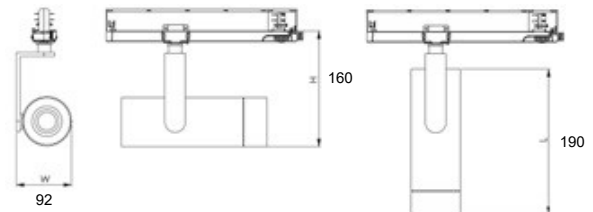
DESCRIPTION: Track mounted adjustable beam LED luminaire
Light distribution type: direct
Optical system: adjustable faceted reflector, 20-60°
Housing: aluminium
Colour: white, RAL9016; black, RAL9017

GENERAL DATA: **Mains voltage:** 220-240V, 0/50-60Hz
LED lifetime, h: 60000/L80B10
SDCM: 3
Protection class IEC: II
Ingress protection code: IP20
Mechanical impact resistance: IK02
Operating temperature range, °C: ta 0...+35

INSTALLATION: In 3-phase track. Track adaptor (3-phase + N) with phase selector

ENVIRONMENT: Indoor

APPLICATION: Retail, showroom, exhibition, public place



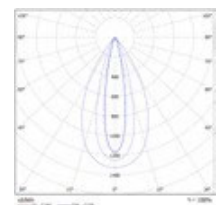
PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
GLEAM A LED1x1950 J440 T840 R20-60	190	92	160	1946	13,5	144	80+	4000	1,1
GLEAM A LED1x2600 J441 T840 R20-60	190	92	160	2644	18,7	141	80+	4000	1,1
GLEAM A LED1x3400 J442 T840 R20-60	190	92	160	3559	26,5	134	80+	4000	1,1
GLEAM A LED1x4300 J443 T840 R20-60	190	92	160	4464	34,0	131	80+	4000	1,1

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

OPTIONS AVAILABLE ON REQUEST:

LED	CONTROL GEAR
T830	T930 VEGETABLES DALI ¹
T840	T932 FASHION BLT
T930	T931 FASHION&WHITE KRBLT
T940	T927 NATURAL ROTARY DIM ²
T820 MEAT	T930 NATURAL
T831 MEAT&WHITE	T940 NATURAL
T825 BREAD	

R20-60



1 For this model DALI option is not compatible with switch-control dimming functionality

2 Rotary DIM option not applicable for model: J443



DURON LED

Spotlights



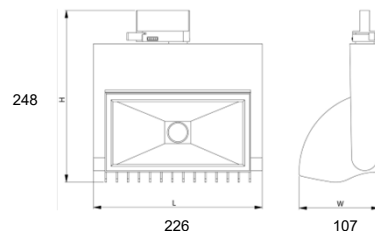
DESCRIPTION: Track mounted adjustable LED spotlight
Light distribution type: direct
Optical system: faceted aluminium reflector, 60°, tempered glass diffuser
Housing: aluminium
Colour: white (RAL9016), black (RAL9017)

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz
LED lifetime, h: 60000/L80B10 (T930, T940: 50000/L80B10)
SDCM: 3
Protection class IEC: I
Ingress protection code: IP20
Mechanical impact resistance: IK02
Operating temperature range, °C: ta 0...+35

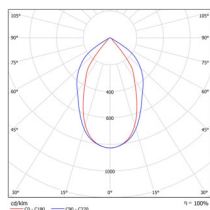
INSTALLATION: In 3-phase track. Track adaptor (3-phase + N) with phase selector

ENVIRONMENT: Indoor

APPLICATION: Retail, showroom, exhibition, public place



R60



Product	Length, mm	Width, mm	Height, mm	Luminaire output, lm	System power, W	System efficacy, lm/W	CRI	CCT, K	Weight, kg
Duron LED1x1900 D749 T830 R60	226	107	248	1820	13,1	139	80+	3000	2,6
Duron LED1x2550 D750 T830 R60	226	107	248	2473	19,5	127	80+	3000	2,6
Duron LED1x3350 D751 T830 R60	226	107	248	3329	27,1	123	80+	3000	2,6
Duron LED1x4250 J198 T830 R60	226	107	248	4175	35,1	119	80+	3000	2,6
Duron LED1x4800 D789 T830 R60	226	107	248	4768	42,1	113	80+	3000	2,6
Duron LED1x5250 D748 T830 R60	226	107	248	5303	47,1	113	80+	3000	2,6
Duron LED1x1900 D749 T840 R60	226	107	248	1924	13,1	147	80+	4000	2,6
Duron LED1x2550 D750 T840 R60	226	107	248	2613	19,5	134	80+	4000	2,6
Duron LED1x3350 D751 T840 R60	226	107	248	3518	27,1	130	80+	4000	2,6
Duron LED1x4250 J198 T840 R60	226	107	248	4414	35,1	126	80+	4000	2,6
Duron LED1x4800 D789 T840 R60	226	107	248	5041	42,1	120	80+	4000	2,6
Duron LED1x5250 D748 T840 R60	226	107	248	5606	47,1	119	80+	4000	2,6
Duron LED1x1900 D749 T930 R60	226	107	248	1543	12,8	121	90+	3000	2,6
Duron LED1x2550 D750 T930 R60	226	107	248	2114	19,1	111	90+	3000	2,6
Duron LED1x3350 D751 T930 R60	226	107	248	2872	26,4	109	90+	3000	2,6
Duron LED1x4250 J198 T930 R60	226	107	248	3563	35,1	102	90+	3000	2,6
Duron LED1x4800 D789 T930 R60	226	107	248	4069	42,1	97	90+	3000	2,6
Duron LED1x5250 D748 T930 R60	226	107	248	4526	47,1	96	90+	3000	2,6
Duron LED1x1900 D749 T940 R60	226	107	248	1625	12,8	127	90+	4000	2,6
Duron LED1x2550 D750 T940 R60	226	107	248	2228	19,1	117	90+	4000	2,6
Duron LED1x3350 D751 T940 R60	226	107	248	3028	26,4	115	90+	4000	2,6
Duron LED1x4250 J198 T940 R60	226	107	248	3756	35,1	107	90+	4000	2,6
Duron LED1x4800 D789 T940 R60	226	107	248	4289	42,1	102	90+	4000	2,6
Duron LED1x5250 D748 T940 R60	226	107	248	4770	47,1	101	90+	4000	2,6
Duron LED1x1900 D749 T830 R60 RAL9017	226	107	248	1820	13,1	139	80+	3000	2,6
Duron LED1x2550 D750 T830 R60 RAL9017	226	107	248	2473	19,5	127	80+	3000	2,6
Duron LED1x3350 D751 T830 R60 RAL9017	226	107	248	3329	27,1	123	80+	3000	2,6

Duron LED1x4250 J198 T830 R60 RAL9017	226	107	248	4175	35,1	119	80+	3000	2,6
Duron LED1x4800 D789 T830 R60 RAL9017	226	107	248	4768	42,1	113	80+	3000	2,6
Duron LED1x5250 D748 T830 R60 RAL9017	226	107	248	5303	47,1	113	80+	3000	2,6
Duron LED1x1900 D749 T840 R60 RAL9017	226	107	248	1924	13,1	147	80+	4000	2,6
Duron LED1x2550 D750 T840 R60 RAL9017	226	107	248	2613	19,5	134	80+	4000	2,6
Duron LED1x3350 D751 T840 R60 RAL9017	226	107	248	3518	27,1	130	80+	4000	2,6
Duron LED1x4250 J198 T840 R60 RAL9017	226	107	248	4414	35,1	126	80+	4000	2,6
Duron LED1x4800 D789 T840 R60 RAL9017	226	107	248	5041	42,1	120	80+	4000	2,6
Duron LED1x5250 D748 T840 R60 RAL9017	226	107	248	5606	47,1	119	80+	4000	2,6
Duron LED1x1900 D749 T930 R60 RAL9017	226	107	248	1543	12,8	121	90+	3000	2,6
Duron LED1x2550 D750 T930 R60 RAL9017	226	107	248	2114	19,1	111	90+	3000	2,6
Duron LED1x3350 D751 T930 R60 RAL9017	226	107	248	2872	26,4	109	90+	3000	2,6
Duron LED1x4250 J198 T930 R60 RAL9017	226	107	248	3563	35,1	102	90+	3000	2,6
Duron LED1x4800 D789 T930 R60 RAL9017	226	107	248	4069	42,1	97	90+	3000	2,6
Duron LED1x5250 D748 T930 R60 RAL9017	226	107	248	4526	47,1	96	90+	3000	2,6
Duron LED1x1900 D749 T940 R60 RAL9017	226	107	248	1625	12,8	127	90+	4000	2,6
Duron LED1x2550 D750 T940 R60 RAL9017	226	107	248	2228	19,1	117	90+	4000	2,6
Duron LED1x3350 D751 T940 R60 RAL9017	226	107	248	3028	26,4	115	90+	4000	2,6
Duron LED1x4250 J198 T940 R60 RAL9017	226	107	248	3756	35,1	107	90+	4000	2,6
Duron LED1x4800 D789 T940 R60 RAL9017	226	107	248	4289	42,1	102	90+	4000	2,6
Duron LED1x5250 D748 T940 R60 RAL9017	226	107	248	4770	47,1	101	90+	4000	2,6

*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

Available options:

T830	Colour temperature 3000K, CRI 80+
T840	Colour temperature 4000K, CRI 80+
T930	Colour temperature 3000K, CRI 90+
T940	Colour temperature 4000K, CRI 90+
T825 BREAD	Special spectrum for bread 2500K, CRI 80+
T820 MEAT	Special spectrum for meat 2000K "pink", CRI 80+
T831 MEAT&WHITE	Special spectrum for meat products with increased white colour contrast 3100K, CRI 80+
T930 VEGETABLES	Special spectrum for colourful products. Fruits, fashion 3000K, CRI 90+
T932 FASHION	Special spectrum for fashion 3200K, CRI 90+
T931 FASHION&WHITE	Special spectrum for fashion with dominant white colour 3100K, CRI 90+

T927 NATURAL	Colour temperature 2700K, CRI 95+ NATURAL
T930 NATURAL	Colour temperature 3000K, CRI 95+ NATURAL
T940 NATURAL	Colour temperature 4000K, CRI 95+ NATURAL
R60	Reflector with 60 light beam angle (standard)
*note - standard tracks and adapters RAL colours: RAL9010, RAL9005, RAL7035	
DALI	Driver with DALI interface
*note - for this model DALI option is not compatible with switch-control dimming functionality.	



SKILUX VALAISTUS

www.skilux.fi

TARINAMME

Skilux Oy on vuonna 1998 perustettu yksityinen ja itsenäinen valaisintukku. Valaistus- ja kiskotuotteiden lisäksi tarjoamme valaistussuunnittelua, tuotteidemme asennusta, huoltoa ja ylläpitoa. Olemme palveleva valaisintukku.

Skilux Oy:n toiminta on alkanut espoolaisesta autotallista ja yrityksen kotipaikka on edelleenkin Espoo. Toiminnan laajennuttua koko Suomen ja Euroopan alueelle, yritys hankki toimisto- sekä varastotilat Helsingistä. Tänä päivänä pääkonttorimme sekä noutovarastomme sijaitsevat Helsingin Konalassa. Toiminta-alueemme kattaa koko Suomen ja myyntiedustajamme ovatkin helposti tavoitettavissa ympäri Suomea. Tärkeitä arvoja yrityksellemme ovat asiakaspalvelu, luotettavuus ja joustava toiminta. Asiakkaan ongelmanratkaisu ja asiakastyytyväisyys ovat toimintamme perusta. Henkilökuntamme on motivoitunutta, koulutettua ja asiantuntevaa. Palvelemme asiakkaitamme kymmenien vuosien kokemuksella ja useimmat asiakkaamme ovatkin olleet asiakkainamme jo yli 20 vuotta. Tämä jo itsessään kertoo luotettavuudesta sekä tyytyväisistä asiakkaista.

luotettava
kumppani

